

<210> 9823  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

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 ttttttgcag ttttagtaga gacggagttt caccatgttg gccaggctgg tctcgaactc 240  
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 <212> DNA  
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 <212> DNA  
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<210> 9827

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<211> 438  
 <212> DNA  
 <213> Homo sapiens

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 <211> 460  
 <212> DNA  
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 cttgcyaatr akattaagkg tagaatatta tgaaagattt ctgcctcagt atgctttatt 180  
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 <212> DNA  
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 aaaaaagtaa aaatggcttt gtatgtgaaa atgttctcct acttacagaa gaggtttctt 300  
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 cggaatacat attcatggcc ttctagcaat ttgggaatcg tgtacgtgca ctcccttaggt 420  
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 <212> DNA  
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 cagctcactg caamctctgc ctcccagggtt ggagggattc ttgtccctca gcctcccagag 180  
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acctcagcac	tgttttcttc	ttatatggta	tttatatata	tgtcttgcaa	ttttatgggt	360
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<210> 9831  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

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<210> 9832  
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 <212> DNA  
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 <212> DNA  
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<400> 9833						
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 9835						
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gtgacggagt	ctcactctgt	tgccaggctg	gagtacaatg	gtgccatctt	gactcactgc	240
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<210> 9836  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 9836						
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<210> 9837  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 9837						
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ttaagggacc	taagacaggc	aggagggaga	aatacaaagt	atagcgcttg	ggtggcatat	360
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<210> 9838  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

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&lt;210&gt; 9839

&lt;211&gt; 407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9839

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&lt;210&gt; 9840

&lt;211&gt; 260

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9840

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&lt;210&gt; 9841

&lt;211&gt; 435

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9841

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&lt;210&gt; 9842

&lt;211&gt; 195

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9842

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 <212> DNA  
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<400> 9845						
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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

<400> 9847  
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 <211> 186  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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452

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<212> DNA  
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<212> DNA  
<213> Homo sapiens

<400> 9852  
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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

<400> 9854  
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tatatatrtt taanagacct gtatgatttt tttcttcttg gaacttattt ttttgagaga 180  
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<212> DNA  
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<210> 9856  
<211> 335  
<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<211> 417  
<212> DNA  
<213> Homo sapiens

<400> 9859  
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gataatccat	ttttwttgtt	tttattttta	ttacttaga	gatggggctc	ccctatgttg	420
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ccgtgaggag	accagaggca	ttctagggct	gtgctatccc	atacagtagc	cacaagccac	360
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<210> 9862  
 <211> 170  
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 <213> Homo sapiens

<400> 9862						
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 <212> DNA  
 <213> Homo sapiens

<400> 9863						
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aatggcacia	tctcggttta	ctgcagtttc	cacctcctgg	gttcaagtga	ttctcctgct	300
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<210> 9865  
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 <212> DNA  
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<210> 9866  
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<210> 9867  
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 <213> Homo sapiens

<400> 9867						
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<210> 9868  
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<400> 9868						
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<400> 9869						
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accgccaccc	caaccccagt	ttgcagaact	ctaaatttca	gcttcttacc	tcccctaaga	240
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<210> 9871  
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<210> 9876

<211> 293  
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 <213> Homo sapiens

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 <213> Homo sapiens

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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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 ggctctgact attaaaatac tatgatattk rattwaaagg atgaagtcaa tacaagtata 180  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;211&gt; 428

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9891

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;211&gt; 326

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9893

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9895

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9896

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<212> DNA

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<210> 9919

<211> 221

<212> DNA

<213> Homo sapiens

<400> 9919

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<210> 9920

<211> 162

<212> DNA

<213> Homo sapiens

<400> 9920

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<210> 9921

<211> 285

<212> DNA

<213> Homo sapiens

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<211> 457

<212> DNA

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 <213> Homo sapiens

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<210> 9926  
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 <212> DNA

<213> Homo sapiens

<400> 9926

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<210> 9927

<211> 221

<212> DNA

<213> Homo sapiens

<400> 9927

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tgtraaaaaat	atagtcctga	aaattttcct	tatcgccgwg	gcccggggat	gggagtccat	180
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<210> 9928

<211> 150

<212> DNA

<213> Homo sapiens

<400> 9928

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<210> 9929

<211> 373

<212> DNA

<213> Homo sapiens

<400> 9929

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cacargtaaa	gttcttgact	gttctttcat	taagcaaaaa	acatgaagct	ttttcttttc	180
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tgagtttccc	tttgtaaatt	aatggctctc	ttctctctkg	ttcctccaaa	gtttaatttg	300
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<210> 9930

<211> 194

<212> DNA

<213> Homo sapiens

<400> 9930

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194

<210> 9931

<211> 183

<212> DNA

<213> Homo sapiens

<400> 9931

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<210> 9932

<211> 323

<212> DNA

<213> Homo sapiens

<400> 9932

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<210> 9933

<211> 137

<212> DNA

<213> Homo sapiens

<400> 9933

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<210> 9934

<211> 439

<212> DNA

<213> Homo sapiens

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acctgtggtc	ccagcacttt	gggaggctga	ggagggtggat	cacgaggtca	ggagtttgag	420
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<210> 9935

<211> 225

<212> DNA

<213> Homo sapiens

<400> 9935

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tcattggctga	actgggtgaa	gcacctgtcc	cagcatctgt	gggctccacc	tctggggcctg	180
ccaccacacc	cctggccagc	gcacctcgtc	ctgctgcccc	cgct		225

<210> 9936

<211> 262

<212> DNA

<213> Homo sapiens

<400> 9936

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ctgaagggtg	tggctgatgg	agaagccctc	tcacaacatt	ccagtccctg	gcccactagg	180
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<210> 9937

<211> 344

<212> DNA

<213> Homo sapiens

<400> 9937

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cacgtgggtc	aagccctccc	tgagacagat	ggtagtacag	aatgggtatgt	ggtatgatgt	300
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<210> 9938

<211> 352

<212> DNA

<213> Homo sapiens

<400> 9938

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<210> 9939

<211> 218

<212> DNA

<213> Homo sapiens

<400> 9939

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ggtggagtct acagaggcag gcaggcctcc ttgaactgcg gtgggctcca ctgacctcga 180  
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<212> DNA  
<213> Homo sapiens

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199

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 mccagcattc tactctctac ttgtgtgagt tcaacttttg tagattgtac atgtgaatga 180  
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<212> DNA

<213> Homo sapiens

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<212> DNA

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<213> Homo sapiens

<400> 9956

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<213> Homo sapiens

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<212> DNA  
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<210> 9961  
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<212> DNA  
<213> Homo sapiens

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<213> Homo sapiens

<400> 9962

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<211> 312

<212> DNA

<213> Homo sapiens

<400> 9963

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<210> 9964

<211> 235

<212> DNA

<213> Homo sapiens

<400> 9964

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<210> 9965

<211> 133

<212> DNA

<213> Homo sapiens

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<211> 338

<212> DNA

<213> Homo sapiens

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 ctcttagttc ttgcgggcta acggttaagc ctctccttac ctctccctaa tcggccccctc 180  
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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&lt;210&gt; 9990

&lt;211&gt; 353

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9990

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&lt;211&gt; 251

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9991

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9992

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&lt;211&gt; 289

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 9993

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<213> Homo sapiens

<400> 10012

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<211> 389

<212> DNA

<213> Homo sapiens

<400> 10013

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gttgccagg	ctggctctga	acgcctgacc	tcaagtgatc	cgccgcctc	ggccttccaa	300
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<211> 440

<212> DNA

<213> Homo sapiens

<400> 10014

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<211> 261

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

<400> 10017

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attaggaatt	gggtgatcaa	gctttttcaa	catacatagt	ggatgggggg	tatatatgtg	240
aaacttaaat	tttttatgat	tatgcttttt	tatatgatta	caactttata	gaagagttgg	300
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<211> 234

<212> DNA

<213> Homo sapiens

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<211> 470

<212> DNA

<213> Homo sapiens

<400> 10019

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<213> Homo sapiens

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ttaagaggtc	caagaaaata	atgcctgctg	gtttggttgc	aggtttaagc	ctcatgatga	420
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<211> 335

<212> DNA

<213> Homo sapiens

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aaacaaacaa	acaaaaaaac	caactggaca	ccactgtatt	aaacaagtaa	tttaagtctt	180
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agcatattac	aaataatcta	gaaacatata	ggagcaccat	ggaccctcag	tctgagatcc	300
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<211> 187

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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agatagcaaa	ggagaagcca	taatatgttt	tatgactgag	tctcggaagt	cacacactat	300
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<210> 10025

<211> 313

<212> DNA

<213> Homo sapiens

<400> 10025

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aytcctaca	agaaagattt	cttttttttag	ctaactgatt	aatttttttg	aggcagggttc	180
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<211> 281

<212> DNA

<213> Homo sapiens

<400> 10026

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<210> 10027

<211> 228

<212> DNA

<213> Homo sapiens

<400> 10027

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gggaggcacg	ggggcagtga	ggctggaact	ctgagaggca	gccccggagg	taaacctcca	180
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<210> 10028

<211> 335

<212> DNA

<213> Homo sapiens

<400> 10028

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335

<210> 10029

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<212> DNA

<213> Homo sapiens

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ttggcttacc	gcaacctcca	cctnccagggt	tcaagcaact	gtccacctca	gcctccccag	180
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<210> 10030

<211> 338

<212> DNA

<213> Homo sapiens

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<210> 10031

<211> 360

<212> DNA

<213> Homo sapiens

<400> 10031

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<212> DNA

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tggc						304

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atcctgtaaa	gtcacacgcc	tgaagaaaca	accaaaagtc	cattacttaa	agacatgata	180
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<213> Homo sapiens

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<210> 10043

<211> 253

<212> DNA

<213> Homo sapiens

<400> 10043

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<210> 10044

<211> 335

<212> DNA

<213> Homo sapiens

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cacttttcagt	tgtaaaaact	ggatgtaggg	tgatactggc	atctagtggg	taaagggaca	180
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attatctggc	ccaaaatgtc	attgggtgctg	aggttgagaa	actgtattcc	aaaagabagt	300
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<210> 10045

<211> 245

<212> DNA

<213> Homo sapiens

<400> 10045

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<210> 10046

<211> 303

<212> DNA

<213> Homo sapiens

<400> 10046

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<210> 10048  
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<212> DNA  
<213> Homo sapiens

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taattatttt tttttcctga agctctttct ctcccttcag aatcttatct tggctttgga 240  
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<211> 190  
<212> DNA  
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&lt;210&gt; 10056

&lt;211&gt; 349

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10056

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&lt;210&gt; 10057

&lt;211&gt; 382

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10057

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&lt;210&gt; 10058

&lt;211&gt; 204

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10058

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&lt;210&gt; 10059

&lt;211&gt; 170

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10059

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<212> DNA

<213> Homo sapiens

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<211> 172

<212> DNA

<213> Homo sapiens

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<210> 10062

<211> 182

<212> DNA

<213> Homo sapiens

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<210> 10063

<211> 448

<212> DNA

<213> Homo sapiens

<400> 10063

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<211> 132  
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<211> 301

<212> DNA

<213> Homo sapiens

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<211> 144

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<211> 415

<212> DNA

<213> Homo sapiens

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<210> 10073

<211> 259

<212> DNA

<213> Homo sapiens

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&lt;210&gt; 10074

&lt;211&gt; 271

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10074

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&lt;210&gt; 10075

&lt;211&gt; 229

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10075

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&lt;210&gt; 10076

&lt;211&gt; 338

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10076

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&lt;210&gt; 10077

&lt;211&gt; 302

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10077

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<212> DNA  
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<210> 10082



<211> 391  
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&lt;210&gt; 10087

&lt;211&gt; 290

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10087

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&lt;210&gt; 10088

&lt;211&gt; 335

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10088

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&lt;210&gt; 10089

&lt;211&gt; 346

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10089

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&lt;210&gt; 10090

&lt;211&gt; 308

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10090

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308

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<211> 339

<212> DNA

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<213> Homo sapiens

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<210> 10104  
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<212> DNA  
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<211> 357  
<212> DNA  
<213> Homo sapiens

<400> 10107  
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tagctttctt atagaagtta gtaattccga tcaccccat gagaccatgg tgctgtctgt 180  
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ccaccttcat gggctgattg gcgggcagcg tgctcagacc ctgatgggtc aagcaaccac 300  
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caggacagcg gaggtggaac ttcgtcgcgc tgcaaccccc ggctcgggat cctggggcgt	180
cctttggcag ttgattgcac cctgcactag agagaagtcc aggaatgata tattcttggg	240
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<210> 10115  
<211> 446  
<212> DNA  
<213> Homo sapiens

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<210> 10116  
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<212> DNA  
<213> Homo sapiens

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ccctgtctct cactggcatt gctgtgctag gaattgtcat gctgaaacgg atccactcct	180
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<212> DNA

<213> Homo sapiens

<400> 10117

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gtatacgttt	ccactgctgg	aaaatcatta	taagttaggg	caacattttc	tatagggtggc	360
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<210> 10118

<211> 356

<212> DNA

<213> Homo sapiens

<400> 10118

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<210> 10119

<211> 284

<212> DNA

<213> Homo sapiens

<400> 10119

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<210> 10120

<211> 383

<212> DNA

<213> Homo sapiens

<400> 10120

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383

<210> 10121

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<212> DNA

<213> Homo sapiens

<400> 10121

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<210> 10122

<211> 184

<212> DNA

<213> Homo sapiens

<400> 10122

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<212> DNA

<213> Homo sapiens

<400> 10123

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<210> 10124

<211> 133

<212> DNA

<213> Homo sapiens

<400> 10124

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<210> 10125

<211> 309

<212> DNA

<213> Homo sapiens

<400> 10125

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&lt;210&gt; 10126

&lt;211&gt; 221

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10126

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&lt;210&gt; 10127

&lt;211&gt; 166

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10127

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&lt;210&gt; 10128

&lt;211&gt; 153

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10128

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&lt;210&gt; 10129

&lt;211&gt; 458

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10129

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&lt;210&gt; 10130

&lt;211&gt; 263

<212> DNA  
<213> Homo sapiens

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ctgactgtgg cttttggsct ycyycctwaa daagtaccct tgtctttaaa aggattcccc 180  
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accaagaata cacaatgggg caa 263

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aggacagata aagtggcaca tca 263

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tgctaggttg aatgagagc 379

<210> 10133  
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<212> DNA  
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<210> 10134  
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&lt;210&gt; 10135

&lt;211&gt; 134

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10135

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&lt;210&gt; 10136

&lt;211&gt; 202

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10136

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&lt;210&gt; 10137

&lt;211&gt; 384

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10137

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&lt;210&gt; 10138

&lt;211&gt; 304

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10138

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<212> DNA  
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gaaggcacia tcccacaata ggtctgcatg gtccaccgag ctgcataccc acggggccag 180  
cgggaggtgg gcagctgctg ggctctcttc tgaagcagac aggatctcac tctgttgctg 240  
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<212> DNA  
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gttccttagt aagtcccgtg gctttaatgc tgacagccct catggttggg tctccagcac 180  
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<210> 10141  
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<212> DNA  
<213> Homo sapiens

<400> 10141  
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&lt;210&gt; 10148

&lt;211&gt; 255

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10148

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&lt;210&gt; 10149

&lt;211&gt; 149

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10149

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&lt;210&gt; 10150

&lt;211&gt; 353

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10150

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&lt;211&gt; 393

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10151

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&lt;210&gt; 10162

&lt;211&gt; 379

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10162

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&lt;210&gt; 10163

&lt;211&gt; 235

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10163

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&lt;210&gt; 10164

&lt;211&gt; 198

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10164

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&lt;210&gt; 10165

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10165

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<213> Homo sapiens

<400> 10166

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<212> DNA

<213> Homo sapiens

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0051399-00400

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<400> 10183

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 <213> Homo sapiens

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aaacttgccc	cgatcatggt	tggcattaaa	accgaacctg	agttctttga	acttgatggt	240
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 accacc 186

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<213> Homo sapiens

<400> 10193

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cttaattttt gtaactgtat ttttagttccc attagccaag ctctctttcc ccgttctcca	180
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<210> 10194

<211> 139

<212> DNA

<213> Homo sapiens

<400> 10194

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<212> DNA

<213> Homo sapiens

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<211> 197

<212> DNA

<213> Homo sapiens

<400> 10196

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<211> 143

<212> DNA

<213> Homo sapiens

<400> 10197

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<210> 10198

<211> 171

<212> DNA  
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<213> Homo sapiens

<400> 10199  
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<213> Homo sapiens

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<211> 177

<212> DNA

<213> Homo sapiens

<400> 10203

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<211> 185

<212> DNA

<213> Homo sapiens

<400> 10204

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<212> DNA

<213> Homo sapiens

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<211> 436

<212> DNA

<213> Homo sapiens

<400> 10206

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<210> 10207

<211> 400

<212> DNA

<213> Homo sapiens

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&lt;210&gt; 10208

&lt;211&gt; 152

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10208

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&lt;210&gt; 10209

&lt;211&gt; 272

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10209

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&lt;210&gt; 10210

&lt;211&gt; 170

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10210

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&lt;210&gt; 10211

&lt;211&gt; 440

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10211

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440

<210> 10212

<211> 290

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<213> Homo sapiens

<400> 10212

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<210> 10213

<211> 340

<212> DNA

<213> Homo sapiens

<400> 10213

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<210> 10214

<211> 146

<212> DNA

<213> Homo sapiens

<400> 10214

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<210> 10215

<211> 213

<212> DNA

<213> Homo sapiens

<400> 10215

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<210> 10216

<211> 201

<212> DNA

<213> Homo sapiens

<400> 10216

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&lt;210&gt; 10217

&lt;211&gt; 162

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10217

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&lt;210&gt; 10218

&lt;211&gt; 219

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10218

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&lt;210&gt; 10219

&lt;211&gt; 397

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10219

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&lt;210&gt; 10220

&lt;211&gt; 251

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10220

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&lt;210&gt; 10221

&lt;211&gt; 177

<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

<400> 10222  
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ctcctgttaa taatgcagga atccagttac ca 92

<210> 10223  
<211> 416  
<212> DNA  
<213> Homo sapiens

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acggcggtcg tgatcgacct gggagaggcc tttaaccaacc tgcagagtt gtccagtata 180  
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ggcatctatt ggtgaatccc agagaccgcc gagttgtgat tatcgaatcg gtattatgtc 300  
cttctcactt cagagagaca ctactcgtg ttcttttcaa atattttgag gttccatctg 360  
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<212> DNA  
<213> Homo sapiens

<400> 10224  
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<211> 453  
<212> DNA  
<213> Homo sapiens

<400> 10225  
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gcgtctcaga cgactagaag tgaaacctca tgccttgga ttgccagata aacattcctt 180  
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tgcaagactt cgctaaaga aaatttttag tgggtgtctt gtaaaagtca cccccagaa 300  
tctaaaaatg ctgcgtatag tggaacctta tgtgacctgg ggatttccaa atctgaagtc 360



tgtccgagaa ctcattttga aacgtggaca agccaaggtc aagaataaga ccatccctct 420  
gacagacaat acagtgattg aggagcacct ggg 453

<210> 10226  
<211> 477  
<212> DNA  
<213> Homo sapiens

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agcaggcact tttggcaaaag aaggagcaga agaaaggaaa agggctcagg ttaagcgac 180  
tggaatcatt cctacatgat tcctggcggc agaaacgtga caagggtcgt ctcagacgac 240  
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twaagaaaaat ttttagtggg gtctttgtaa aagtcacccc ccagaatcta aaaatgctgc 420  
gtatagtgga accttatgtg acctgggggg aagtttggcg tcatttgctt ggaagac 477

<210> 10227  
<211> 675  
<212> DNA  
<213> Homo sapiens

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agcaggcact tttggcaaaag aaggaggtaa tgggtggggaa ccaagagaaa gtaattagaa 180  
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ccccaacggt ttgacagacc agcagaagaa aggaaaagggt ctcagggttta agcgactgga 300  
atcattccta catgattcct ggcggcagaa acgtgacaag gtgcgtctca gacgactaga 360  
agtgaacact catgccttgg aattgccaga taaacattcc ttggcctttg ttgtacgcat 420  
cgaaaggatt gacggcgtga gtttactggg gcagagaacc attgcaagac ttcgcctaaa 480  
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tgaggagcac ctggg 675

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<211> 593  
<212> DNA  
<213> Homo sapiens

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agcaggcact tttggcaaaag aaggaggtaa tgggtggggaa ccaagagaaa gtaattagaa 180  
tttttatattg gtgagtttta tcccgcattg gttggactac atttggtatt gacgagctcc 240  
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agtgaacact catgccttgg aattgccaga taaacattcc ttggcctttg ttgtacgcat 420  
cgaaaggatt gacggcgtga gtttactggg gcagagaacc attgcaagac ttcgcctwaa 480  
gaaaattttt agtgggtgtc ttgtaaaagt cccccccag aatctaaaaa tgctgcgtat 540  
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<210> 10229  
 <211> 152  
 <212> DNA  
 <213> Homo sapiens

<400> 10229  
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 taggaataga aaaggccaca gtttaciaag gg 152

<210> 10230  
 <211> 348  
 <212> DNA  
 <213> Homo sapiens

<400> 10230  
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 ttctcttttc ccagagacct tctgatctcc aaaaagagga gatgactaca tttagcccct 180  
 ctcttataat tccaggtaga taactgcatt ttgtagcctc tctttgtttt tcttttgctg 240  
 atctttgtct ttattagatt ttcctccttt cctatttccc caaagactta tcagatgctc 300  
 attgctttct aagatctaaa atgatactgt gttccctcat atgcatgc 348

<210> 10231  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

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 aggagatgga cgaggaagat aaggctttca agcagaaaca aaaagaggag cagaagaaac 180  
 tcgaggagct aaaagcgaag gccgcgggga aggggccctt ggccacaggt ggaattaaga 240  
 aatctggcaa aaagtaagct gttccttctg cctgaggaga tggtagacct ttatttcac 300  
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<210> 10232  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

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 aggagatgga cgaggtgag ggcggcgcgagg aggcactggc ggggtgcggg gcgctgggag 180  
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<210> 10233  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

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 cagcccaaga agcaggccaa ggagatggac gaggaagata aggccttcaa gcagaaacaa 180  
 aaagaggagc agaagaaact cgaggagcta aaagcgaagg ccgcggggaa ggggcccttg 240  
 gccacaggtg gaattaagaa atctggcaaa aagtaagctg ttccttgtgc ctgaggagat 300  
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<210> 10234

<211> 427

<212> DNA

<213> Homo sapiens

<400> 10234  
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 cagcccaaga agcaggccaa ggagatggac gaggtgaggg cgggcgcgga ggcactggcg 180  
 ggtgcggggg cgctgggaga caggcctgag ttgaacacgc tctgcctctc cccaggaaga 240  
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 ggccgcgggg aaggggccct tggccacagg tggaattaag aaatctggca aaaagtaagc 360  
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<210> 10235

<211> 288

<212> DNA

<213> Homo sapiens

<400> 10235  
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 atttcccagc aagcactgga gcggatttgg aaggaactat gcaatgtagt gggttctttg 180  
 tgaaagaaca gcaatgagca aagccacagg aacctccgct ggggtgcca gaacactggc 240  
 cctgggctag cgacttgctt cagccccatt tcccggagag gctgcrng 288

<210> 10236

<211> 282

<212> DNA

<213> Homo sapiens

<400> 10236  
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 ggtagcataa ttgaagagca aaggggcaca tctctaggtg gagaatctct gcccttatta 120  
 gccactgtta cggataggag gtgtaagagg gtgcctgatc tgtcatgtgg gtcagagtga 180  
 aaaagagggt gagaaccact gatgataacg gaaatattta tatgttctag gcattgggct 240  
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<210> 10237

<211> 368

<212> DNA

<213> Homo sapiens

<400> 10237

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tgaagaggga	ggggaaggtc	caaccttaca	ctaaaaccct	ggatggagga	tggggatgga	300
tgattgtgat	tcattttttc	ctggtgaatg	tgtttgtgat	ggggatgacc	aagacttttg	360
caattttc						368

&lt;210&gt; 10238

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10238

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gtttattcct	ggggttgta	tatcatggct	kataatgaca	cagacagaaa	ccagactgag	120
aagctcctaa	aaagagtacg	agaactggag	caagagggtgc	aaagacttaa	aaaggaacag	180
gccaaaaata	ag					192

&lt;210&gt; 10239

&lt;211&gt; 143

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10239

gcttcagcag	gtagtccgc	ttccgccgca	gcccggttca	gccgccgccg	ctggcgcgca	60
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cgcttcacgc	cagtaggaat	ggc				143

&lt;210&gt; 10240

&lt;211&gt; 471

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10240

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tcctggttac	actgcttgaa	tcctgtcagt	cctatactgg	agtcctgtta	atacaaaata	360
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&lt;210&gt; 10241

&lt;211&gt; 220

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10241

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gaggaaactga	gaaacatgga	tggccttggg	aacgtggaaa	aggracttcc	tatgtcatga	120
agamactcaa	ggaactctat	cgagaaattc	atgtatcaag	aaactgaggc	ctactgccaa	180
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<210> 10242  
<211> 180  
<212> DNA  
<213> Homo sapiens

<400> 10242  
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cacttgcca gtcttggttc atccagcgga ttcttctctt tgatctgcgg gatcctccca 120  
antcatgtgg tagcagtnng tgtgttttg aagagggtag gagagtcggc agatctgggc 180

<210> 10243  
<211> 223  
<212> DNA  
<213> Homo sapiens

<400> 10243  
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gcacctcact cttttgaaga gcacagagga agatgtcagc ccagtcctct cctgcagcaa 180  
caccctccac gcagaagccc cctcggtatc yccgccccg ccc 223

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<212> DNA  
<213> Homo sapiens

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tactcgggag gctggggtag gagaattgct tgaacctggg aggcggaggt tgcagtgagc 360  
caagatcatg ccattgcact ccagcctggg cagcagagca agactccatc tcaaaaa 417

<210> 10245  
<211> 549  
<212> DNA  
<213> Homo sapiens

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ctaattaaag tgaagacgct gaccggaaag gagattgaga ttgacattga acctacagac 180  
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gcagcagtag ctatggcagt ggcagaagat ttttaattagg aacaaagctt agcaggagag 300  
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ttctgttctg tggaaagtgt aaagcattcc aacaaagggt tttaatgtag attttttttt 540  
tgcacccca 549

<210> 10246

<211> 347  
 <212> DNA  
 <213> Homo sapiens

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 gcagcagtgc cttacgggag acgtggggaa kgaaaaccac gcctttccck rgcctggagg 240  
 acgctgactg cctcagggct ccgcgcgang ggtggtggga aataggggga cccagaaggg 300  
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<210> 10247  
 <211> 164  
 <212> DNA  
 <213> Homo sapiens

<400> 10247  
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<210> 10248  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 10248  
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<210> 10249  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 10249  
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<210> 10250  
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<400> 10250

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tctacagcaa	cactatccag	tccttggcag	ccatcgtccg	ggccatggac	actttgggca	300
tcgaatatgg	tgataaggag	agaaaggctg				330

&lt;210&gt; 10251

&lt;211&gt; 327

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10251

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tccttctaata	agttattgac	ctttgggcat	atattcagtt	ttaaacaatga	gtctctaaga	180
aaaaaagggtg	cctgggttagg	gcttatcaat	aagtgaagttt	gctgcagggtt	tattgggcaa	240
gacctgcctt	tttcaatggg	gatttttctc	aaatgtcaga	aatgtgatac	ttttttctct	300
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&lt;210&gt; 10252

&lt;211&gt; 182

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10252

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gcggcgaaga	ggacccgcag	gctgcaagga	gcaacagcga	tggcagttag	aaggcaacca	180
aa						182

&lt;210&gt; 10253

&lt;211&gt; 407

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10253

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aggactgtct	aattaaaaag	atctaattaa	tggctagttg	gcaactaata	aaacttagag	180
atattattcc	tactaaatth	ttaaatacaa	cctaagtgtt	ctattttatt	atttataaaa	240
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gatttagaat	ctttaggaga	gaggtaatat	ttaactttct	tggctactgg	aatcaaaatt	360
actattatga	acctcagtgg	gaactagawg	aactcagtac	atagttt		407

&lt;210&gt; 10254

&lt;211&gt; 346

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10254

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 <213> Homo sapiens

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 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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ataaagggga gcccttgcc ctaccttga atgtagtg atactgtgtg cctagaggaa 360  
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<212> DNA  
<213> Homo sapiens

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gccaggtacg gccccttctt gatgcagaaa atggttggtt gcggggccaa gtgttgccggc 180  
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gagtccaaag agaacgagcg ttaaacaatc tcatcggtga aaatgtcaac caggaaaatg 300  
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<213> Homo sapiens

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<213> Homo sapiens

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gttgaagaa 429

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<213> Homo sapiens

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atttacagct aaaccagaat ctcatgcagt caccagggct ggagtgtaga agcatgatgt 180  
cggttcactg caacctctgc ctccctggtt cagagaggag tctgcaatgc cgagtggagg 240  
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caaagaagct aagcaca 497

<210> 10263  
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<212> DNA  
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atttacagct aaaccagaat ctcatgcagt caccagagct ggagtgtaga agcatgatgt 180  
cggttcactg caacctctgc ctcttggttt cagagaggag kctgcaaygc cgagcggagg 240  
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<212> DNA  
<213> Homo sapiens

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tg 542

<210> 10265  
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<212> DNA  
<213> Homo sapiens

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aggggattag gatacctcta gtctaattct gttctgcctc acttgattga aaaaaaggtt 180  
tacactttta agaacctgac ccagcaagtc gttatgagac catcagagac 230

<210> 10266  
<211> 306  
<212> DNA



<213> Homo sapiens

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<210> 10267

<211> 332

<212> DNA

<213> Homo sapiens

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aacataagtt gtgttataac ttatcagccg tatatggaac ataaatagtt tctacctgct 180  
tgtaagagg aagctttaat ttggttctaa taaatacagt atggtagtga ttataggaat 240  
ccaggatgtt gaagaaatgg cataatgtct atattttgga aacagaaagg aaaagtcact 300  
taagatagta ttaagtaatt aaattcctan gt 332

<210> 10268

<211> 218

<212> DNA

<213> Homo sapiens

<400> 10268  
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aggncaccag attgttagga aatcagttat gkgccactgg attatatagc agtttttgtg 180  
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<210> 10269

<211> 275

<212> DNA

<213> Homo sapiens

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gtgtgttttag tggttgtg cttccaatt ttctgtgctg aaatcattct gaaaactcaa 180  
acagtagact tcagcacaca aggaaagcca aagccatttg agggggaata aagccaaaag 240  
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<210> 10270

<211> 138

<212> DNA

<213> Homo sapiens

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138

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<212> DNA  
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gaaacccact ccttgctatt aaaggaaatg ttgtggaata taattggact taggttttgc 180  
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cctcagcaca cacagagacc tcttgcaaga tgcttctctg ccgccatagg ctggagggtc 360  
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<210> 10272  
<211> 939  
<212> DNA  
<213> Homo sapiens

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<210> 10273  
<211> 188  
<212> DNA  
<213> Homo sapiens

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ttcaccact agaggcaaag acgtaagaga gctaccagcg tattgagagg agatacacag 180  
gcactacg 188

<210> 10274  
<211> 426  
<212> DNA  
<213> Homo sapiens

<400> 10274  
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 tcaagactga tacagttctt atattgtgta gaaagaaagt ggaaaacaca aggtgggatt 240  
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 cagatcctag tgagggtatt atgaatgttc taaagaaaat ttatgaagat ggagacgatg 360  
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 acacgg 426

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 <211> 638  
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 <213> Homo sapiens

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<210> 10276  
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 <212> DNA  
 <213> Homo sapiens

<400> 10276  
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 ccatattttt taagtkatct ttcagggtta catggaaata ctataaagtt ggatgtcaaa 180  
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<210> 10277  
 <211> 412  
 <212> DNA  
 <213> Homo sapiens

<400> 10277  
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 caaaattggg tgcttctaac gcacagagac cgcgtcttac ataccttca ctctgcagtg 180  
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412

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gccagttgat	tctgacaatt	tctcatgaac	agaaacacct	aggaaggagg	aactgatact		240
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<400>	10279						60
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ataqcgag							

<400>	10280						60
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ccagaaggaa	gaattaaaaa	tgaatatgtt	caaggaagca	gtgaccttca	aggacgtggc		240
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<400> 10281						60
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cacggaggag	gaattggggc	tgctgggccc	tgccagagga	agctgtaccg	agatgtgatg	475
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4606

<212> DNA  
<213> Homo sapiens

<400> 10282  
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gcttttaggta ctgaaag 497

<210> 10283  
<211> 207  
<212> DNA  
<213> Homo sapiens

<400> 10283  
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gactcctatg tgacctgttc ttagagcaag acaatcacca tctgaattcc agaagcctg 180  
ttcatggttg gggatatttt ctcgact 207

<210> 10284  
<211> 436  
<212> DNA  
<213> Homo sapiens

<400> 10284  
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gttgagccg ctgcccgtgc catgaccgc ggtaaccagc gtgastcgc cgccagaaga 120  
atatgaaaaa gcagagcgac tcggttaagg gaaagcgccg agatgacggg ctttctgctg 180  
ccgcccgcaa gcagagggac tcggagatca tgcagcagaa gcagaaaaag gcaaacgaga 240  
agacttggtg tgagtgtgtc tgcattgtgag agaaatgcag aagcagtaat tgggcgtcat 300  
gggggaggca cagaggagga gagggaagtc tgggtagtgt gcaatgtgca aggaatgcag 360  
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ctgtccccct tctctt 436

<210> 10285  
<211> 643  
<212> DNA  
<213> Homo sapiens

<400> 10285  
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cgcgctctgt ggccaccctc acactcgggtg cccggaaatc gagccctttg cccacggcta 180  
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agcggcgaga tgacgggctt tctgctgccg cccgcaagca gagggactcg gagatcatgc 360  
agcagaagca gaaaaaggca aacgagaaga aggaggaacc caagtagctt tgtggcttcg 420  
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cctcctgtag tgctcacagg tcccagcacc gatggcattc cctttgccct gagtctgcag 540  
 cgggtccctt ttgtgcttcc tccccctcag gtagcctctc tccccctggg ccaactcccgg 600  
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<210> 10286  
 <211> 583  
 <212> DNA  
 <213> Homo sapiens

<400> 10286  
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 cgcgctctgt ggccaccctc acaactcggtg cccggaaatc gagccctttg cccacggcta 180  
 cttcacggga ccacctctcc gggttaggca taggcccctc cggatcttcc gcggtgcgta 240  
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 agcgccgaga tgacgggctt tctgctgccg cccgcaagca gagggactcg gagatcatgc 360  
 agcagaagca gaaaaaggca aacgagaaga cttgggtgtga gtgtgtctgc atgtgagaga 420  
 aatgcagaag cagtaattgg gcgtcatggg ggaggcacag aggaggagag ggaagtctgg 480  
 gtagtgtgca atgtgcaagg aatgcagcat ttagtgtgca atgggggcag cttcaggaca 540  
 gagtcagtgg gaaaggmwtg caaggggctg tcccccttct ctt 583

<210> 10287  
 <211> 251  
 <212> DNA  
 <213> Homo sapiens

<400> 10287  
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 tgaaaactat tgtaactaca aaaaaagtga atacccttcc cctgcgtctg cctggtatcc 180  
 tgtgcataat tctatcataa tgtttattac ataacatatt tatcagtttg actcatctgt 240  
 cccctcccc c 251

<210> 10288  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 10288  
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 ttaagagcat tggtttgagg tcagactagg ctgtgattcg ggtctctcca cttcttatta 180  
 tcgtcttttg taaattattt aacctctttg tgccttcggt ttctgtaaaa agcagataat 240  
 tatagctact tcatgaggtc gtgtgaagat ttaatgagat agtgtgtgtg aaatgttcac 300  
 agctaccaga cacatactca ctctgtgtcc caattgctat actcacaagg gctcactccc 360  
 atcgcca 367

<210> 10289  
 <211> 216  
 <212> DNA  
 <213> Homo sapiens

<400> 10289  
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gtctctgtgc	aaatcctgag	tgctaaagct	tccaacaaga	ctgatgctag	ctcgtgtcac	180
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<210> 10290

<211> 417

<212> DNA

<213> Homo sapiens

<400> 10290

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cgccccctcta	ccgcatgcga	atctttgcgc	ctaatacatgt	cgctcgccaag	tcccgtttct	180
ggtactttgt	atctcagttm	aagaagatgg	gtgaccacct	gaccaacctc	cacaggctgg	240
gtggcccggga	ggctgggctg	ggcgagtatc	tcttcgaaaag	gctcactctc	aagcacgact	300
aagagccttc	tgagcccagc	gacttctgaa	gggccccttg	caaagtaata	gggcttctgc	360
ctaagcctct	ccctccagcc	aataggcagc	tttcttaact	atcctaacaa	gccttgg	417

<210> 10291

<211> 267

<212> DNA

<213> Homo sapiens

<400> 10291

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gcacgctacg	agagtacaag	gtagtgggtc	gctgcctgcc	cacccccaaa	tgccacacgc	120
cgccccctcta	ccgcatgac	atgtcgtcgc	caagtcggcg	ttctgggtcta	ctgtggggcag	180
gtgtttgaga	agtccccct	gcgggtgaag	aacttcggga	tctgggtgcg	ctatgactcc	240
cggagcggca	ccgcgcccga	gcccact				267

<210> 10292

<211> 316

<212> DNA

<213> Homo sapiens

<400> 10292

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ctccgatttc	ctctccgctt	gcaacctccg	ggaccatctt	ctcggccatc	tcctgcttct	180
gggacctgcc	agcaccgttt	ttgtgggttag	ctccttcttg	ccaaccaacc	atgagctccc	240
agattcgtca	gaattattcc	accgacgtgg	aggcagccgt	caacagcctg	gtcaatttgt	300
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<210> 10293

<211> 488

<212> DNA

<213> Homo sapiens

<400> 10293

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gcacgctacg	agagtacaag	gtagtgggtc	gctgcctgcc	cacccccaaa	tgccacacgc	120
cgccccctcta	ccgcatgcga	atctttgcgc	ctaatacatgt	cgctgcctgc	ccacccccaa	180
atgccacacg	ccgccccctc	accgcatgcg	aatctttgcg	cctaatacatg	tcgtcgccaa	240
gtccccgcttc	tggtactttg	tatctcagtt	maagaagatg	ggtgaccacc	tgaccaacct	300

ccacaggctg ggtggcccg aggctgggct gggcgagtat ctcttcgaaa ggctcactct 360  
 caagcacgac taagagcctt ctgagcccag cgacttctga agggccctt gcaaagtaat 420  
 agggcttctg cctaagcctc tccctccagc caataggcag ctttcttaac tatectaaca 480  
 agccttgg 488

<210> 10294  
 <211> 612  
 <212> DNA  
 <213> Homo sapiens

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 cgccctcta ccgcatgcga atctttgcgc ctaatcatgt cgctgcctgc ccaccccaaa 180  
 atgccacacg ccgcccctct accgcatgcg aatctttgcg cctaatacatg tcgtcgccaa 240  
 gtcccgcctc tggtaacttg tatctcagtt aaagaagatg aagaagtctt caggggagat 300  
 tgtctactgt gggcaggtgt ttgagaagtc cccctgcggg gtgaagaact tcgggatctg 360  
 gctgcgctat gactcccga ggcgcacca caacatgtac cgggaatacc gggacctgac 420  
 caccgcagcg ctgtcaccca gtgtaccga gacatgggtg cccggcaccg cgcccgagcc 480  
 cactccattc agatcatgaa ggtggaggag atcgcggcca gcaagtgccg ccggccgggt 540  
 gtcaagyagt tccacgactc caagatcaag ttcccgcgtc cccaccgggt cctgcgccgt 600  
 cagcacaagc ca 612

<210> 10295  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 10295  
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 gcacggtggt tgagaagtc cccctgcggg tgaagaactt cgggatctgg ctgcgctatg 120  
 actcccggag cggcacccac aacatgtacc gggaataccg ggacctgacc accgcagcgc 180  
 tgtcacccag tgctaccgag acatgggtgc ccggcaccgc gcccagagcc actccattca 240  
 gatcatgaag gtggaggaga tcgcggccag caagtgcgcg cggccgggtg tcaagyagtt 300  
 ccacgactcc aagatcaagt tcccgcgtgc ccaccgggtc ctgcgccgtc agcacaagcc 360  
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<210> 10296  
 <211> 338  
 <212> DNA  
 <213> Homo sapiens

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 gcacgctacg agagtacaag gtagtgggtc gctgcctgcc ccccccaaa tgccacacgc 120  
 cgccctcta ccgcatgcga atctttgcgc ctaatcatgt cgctgcctgc ccaccccaaa 180  
 atgccacacg ccgcccctct accgcatgat catgtcgtcg ccaagtcccg cttctgggtc 240  
 actgtgggca ggtgtttgag aagtcctccc tgcgggtgaa gaacttcggg atctgggtgc 300  
 gctatgactc ccggagcggc accgcgccc agccact 338

<210> 10297  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 10297  
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 ttctctccgt gcaagctggc aagtctcaaa gtcgccacag atactgaagt actctttccc 120  
 agtgggacta agaaccagca gaacagatat actttctctc aagatgtctc tccagcaaaa 180  
 cttttcccca tgtccaaggc cttggctttc ctcatcattt ccagcgata tgagcaagac 240  
 acagtgtat catacatccc cctgcagctt taaaaagcag cagaagcaag cacttctagc 300  
 cagaccctca agcaccatca cttacctaac tgaca 335

<210> 10298  
 <211> 160  
 <212> DNA  
 <213> Homo sapiens

<400> 10298  
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 acggttggtt gaaactggaa gaggtagagg aaggaggatg gggctctgcct cctgagtagc 120  
 tgggactaca ggcccgtgcc tctgcgcca gctaattttt 160

<210> 10299  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<400> 10299  
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 ttttgttcat cttgttttac attgttgatt tttgttttcc aacaactctg ggtgtcgggt 120  
 gctggacttc tagtcatctt gctttgttct caactttttt ggaccaaga ccttatttct 180  
 gaagaatgct ctatgaatta ttttttaaaa agcattctgt cattttgggt ctataaaaga 240  
 taacgtgaat aagat 255

<210> 10300  
 <211> 122  
 <212> DNA  
 <213> Homo sapiens

<400> 10300  
 catctcaaaa agcattcttg taattaatca tggccattct atatcttcct accaggtaat 60  
 agtaacttgc atagaactcc ctaaaattat acacacacac acacacacac acacacacac 120  
 ac 122

<210> 10301  
 <211> 255  
 <212> DNA  
 <213> Homo sapiens

<400> 10301  
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 gcataacaac agtgattctg aagagaagga caagtctaag aagagaaagc ttcattgaaga 120  
 actttctagc agtcaccata accgggaaaa agccaaggaa aagcccagggt tcttaaaaca 180  
 cgagagttct agggaggaca gcaaattggag ccattctgat tctgacaaaa agtccagaac 240  
 ccataaacat agccc 255

<210> 10302

<211> 201  
 <212> DNA  
 <213> Homo sapiens

<400> 10302						60
aggctcggca	gaaataggag	cgcgccaggcg	racgtgcggc	tcgcagaacg	gcgagtagcg	120
gasgtgaccc	gctggaatca	tcattccagg	acgtgccaga	aaccacaaga	aaacatgggg	180
agggttttcc	tcacggggaga	aaaagccaat	tccatattaa	aacgctaccc	aagagcta	201
gggttttttg	aagaaataag	a				

<210> 10303  
 <211> 294  
 <212> DNA  
 <213> Homo sapiens

<400> 10303						60
gatttggtc	caagagctat	tcgcagagaa	acagcctcgc	acaaaaagcc	accgcccccg	120
aaacccgcgg	gaaatctgtt	tcctgtgaaa	ggcctggcct	cggggcattg	gcggtttccc	180
tgatctctc	tcacaaat	tccggcagg	gattgatcga	ggcgacattt	aggactgggg	240
tgggcgaggg	agtggcggtt	ctcgtcccaa	gttacagggtg	aggacgttca	ggccaaggcg	294
tagcaagatc	gcgcccgcct	gtagcttgag	gaggcgcccg	gattcgaacc	aagg	

<210> 10304  
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 <212> DNA  
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<400> 10304						60
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ggtggagcag	cgacccctga	gcagtgttct	ctgtgctgag	cgccgggact	gagctgttga	180
gtagagacca	acatgagtga	gcgacaaggt	gctggggcaa	ccaatggaaa	agacaagaca	240
tctggtgaaa	atgatggaca	gaagaaagtt	caagaagaat	ttgacattga	catggatgca	300
ccagagacag	aacgtgcagc	ggtggccatt	cagtctcagt	tcagaaaatt	ccagaagaag	360
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tcaaccatca	tctgtcaaga	aattaaaaga	acaacaccct	agagagaagt	catccacaca	480
caatccacac	acgcatagcr	aacckccart	gcattgtacag	aaacctgtga	tatttatacc	540
cttgtagaaa	ggtatagaca	atggaattgt	gagtagctta	atctctatgt	ttctctccat	575
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<210> 10305  
 <211> 312  
 <212> DNA  
 <213> Homo sapiens

<400> 10305						60
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tgcaacttcc	tccggtcgtc	cgaatccgg	gttcatccga	caccagccgc	ctccaccatg	180
ccgccgaagt	tcgaccccaa	cgagatcaaa	gtcgggtgct	gctctgggtg	tggccggggc	240
tgcgggatgg	agcatccctc	ggmcccgccg	cgcgtgcaaa	gctttccccg	tatggggctc	300
ttaaagccgc	tgccctccag	agaccttccc	ggtgttgccg	cgcccccgcc	mmagcctcag	312
cctttctggg	cc					

<210> 10306  
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00400" 666T560

<212> DNA  
<213> Homo sapiens

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cccagctttt 70

<210> 10307  
<211> 571  
<212> DNA  
<213> Homo sapiens

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caggatttga gacagcccag ggtttcctct tcaagtaggt ctaaaacatt tttttttctc 120  
attgacttcc ttctgttct aactgccagt actcagaagt cagagttgag agacagaggc 180  
accccggaac gagacgtgaa gcaactgaata aatagatcag aatgactgaa aaagccccag 240  
agccacatgt ggaggaggat gacgatgat agctggacag caagctcaat tataagcctc 300  
caccacagaa gtccctgaaa gagctgcagg aaatggacaa agatgatgag agtctaatta 360  
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tcgttgtcac ccggctcacc ctggtttctg agagtgtccc gggaccaatc accatggacc 480  
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<210> 10308  
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<212> DNA  
<213> Homo sapiens

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aaaagaaaat accgtaaggg caacctgaaa agtaggaaac ggggcgatga cgccaatcgc 180  
aattaccgct ccacttctgt agccccagc gggctctgcc ctggtgctgt tcacacagca 240  
ccaagcagca acaagaacag cagaagggga actgccaagg agacctgatg ttagatcaaa 300  
gccagagagg agcctatgga atgtggatca aatgccagtt gtgacgaaat gaggaatgta 360  
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<210> 10309  
<211> 365  
<212> DNA  
<213> Homo sapiens

<400> 10309  
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catggcatga ggaggagcaa gagccgatct cctcacaagg gagtcaagag aggtggcagc 120  
aaaagaaaat accccaatcg caattaccgc tccacttctg gagccccag cgggctctgc 180  
cctggtgctg ttacacagc accaagcagc aacaagaaca gcagaagggg aactgccaaag 240  
gagacctgat gtttagatcaa agccagakag gagcctatgg aatgtggatc aaatgccagt 300  
tgtgacgaaa tgaggaatgt atatgttggc tgtttttccc caacatctca ataaaacttt 360  
gaaag 365

<210> 10310  
<211> 154

<212> DNA  
<213> Homo sapiens

<400> 10310  
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atttgctaca gacagttggg acagaccagg cggg 154

<210> 10311  
<211> 146  
<212> DNA  
<213> Homo sapiens

<400> 10311  
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aagtttccc cactctcaat taaaagttag aacctccac ttttaaaatt atacaaatat 120  
ttctttttta cattacacag aagcct 146

<210> 10312  
<211> 139  
<212> DNA  
<213> Homo sapiens

<400> 10312  
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gattcatcat ttgaaaaagc ctctggccct ggatgcattt cctgttttca ggattcctcg 120  
ccttctgact gctctccca 139

<210> 10313  
<211> 238  
<212> DNA  
<213> Homo sapiens

<400> 10313  
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cttacagaaa atcaaatttt aaaagaacat tgacctcaa acaataaaac tgtcctgggt 180  
atgcaataga aatagctata taaatggaat catatcctta atgaacacct cctgtggc 238

<210> 10314  
<211> 381  
<212> DNA  
<213> Homo sapiens

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aaccgcgtcg gggagcggcg ccgggagaag ggcgaggcga cttgcatcac ggagatgtcg 180  
gtgatgatgg cttgctggaa gcagaatgaa ttccgcgacg atgcgtgcag aaaagagatc 240  
cagggtcttc tcgattgtgc cgcgagggct caggaagccc gaaagatgag atcaatacag 300  
gaaaccctgg gagagtctgg gagtttactt ccaaataaat tgaataagtt gttacagagg 360  
tttcctaaca aaccttacct c 381

<210> 10315

<211> 614  
 <212> DNA  
 <213> Homo sapiens

<400> 10315  
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 ggccattgga gtgctccgct gcggagggag gggaccccga ctcgagtaag tttgcgagag 240  
 cactacgcag tcagtcgggg gcagcagcaa gatgcgaasg agccgtacag atcccgggct 300  
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 cacagggttg gcaccatggg gccaccagc gtcccgtgt caaggccac cgcagctcgg 540  
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<210> 10316  
 <211> 447  
 <212> DNA  
 <213> Homo sapiens

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 agtacttaga acagctggca tctaacaaag actagctgtg tcagcgtgtt atgatgccgt 180  
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 gcacagacga tggctacatt gaccttcagg ctccctcctg ctgtcaggct acatcagcaa 300  
 aggggggggca gaccggggcg ttccagtgt gatcattggc attctggtgt tcctaccgg 360  
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<210> 10317  
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 cgctctctcg ggctctgggc gtgtccgaga ccgcgtccc cggcgaaatc aagctccgag 180  
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 tgtttgtttt acgtctaaat tcgcgtcggt tcttatttct ctccctggca aggtctgaag 300  
 acgscgtgtg cagcgtgtta tgatgccgtc ccgtaccaac ctggctactg gaatccccag 360  
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 taagaaaacc cc 432

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gccttaaaaa gctgcccttc gaagatctcc tatgactgca tgtcaaggta ttttgtacct 180  
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<210> 10319  
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<212> DNA  
<213> Homo sapiens

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ccgcgttgac cactggcgctc tcgctgggtg tcttcgagac cggcggtggg tgaaaatcgc 180  
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<212> DNA  
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aagctaaatg ttttccmatg atcgctcatt cttcttttat gattcatacg ttattcctta 180  
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ttctctgata aagagctaata acagaaatgt tcaagttatt ttactttctg gtaatgtctt 360  
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<212> DNA  
<213> Homo sapiens

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cagctggatc tcccgaagta ggccgactta cataactctg gaggagggca gaacattgtc 240  
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<212> DNA  
<213> Homo sapiens

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cgtatgccaa agaggtgctg aaaaaatatt tggagtccaa ggaggatgtg gctgatgcac 180  
ttctacagac tgatcagtca ctctcagaaa agggaaaaagc gattgaagtg gaacgtataa 240



aggctgaatc tgcagaagct gcaaagaaaa tgttggaag

278

<210> 10323

<211> 253

<212> DNA

<213> Homo sapiens

<400> 10323

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aacctaaagcc	tccctctctc	ctccggcacc	cattacctct	ccctggaggc	aactgttttg	180
atccatttct	tacacacact	gccagagata	ctctaggcat	gtaaagcaca	aacatacata	240
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<210> 10324

<211> 398

<212> DNA

<213> Homo sapiens

<400> 10324

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catggagagg	aggaggtgga	gacttttgcc	tttcaggcag	aaattgcccc	actcatgtcc	180
ctcatcatca	ataccttcta	ttccaacaag	gagattttcc	ttcgggagtt	gatctctaata	240
gcttctgatg	ccttggaaca	gattcgctat	gagagcctga	cagacccttc	gaagttggac	300
agtggtaaag	agcacatgtg	gacattgcag	tgcagtgagc	tgtaatcatg	acactgcact	360
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<210> 10325

<211> 179

<212> DNA

<213> Homo sapiens

<400> 10325

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<210> 10326

<211> 198

<212> DNA

<213> Homo sapiens

<400> 10326

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agagaactct	cccattccaa	ttttaaaatt	ttacatacat	gcagcaacag	tataatgtat	180
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<210> 10327

<211> 469

<212> DNA

<213> Homo sapiens

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cccctccgcc aactggctgc acgtctgctc tccccggaaa aagcgtgtc cctacaccaa 180  
ataccagacg ctggagctag agaaggagtt tctgttcaat atgtacctca ccagggaccg 240  
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accggcggat gaaaatgaag aaaatgaata aggagcaggg caaagagtaa agattaaaga 360  
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<212> DNA  
<213> Homo sapiens

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gtaaattttg aaaaatccaa acttacattc agttgtctcg gaggaagtga taattttaag 540  
catttaataa aattgatctt tttcactgta ttgatccaaa tgattcc 587

<210> 10329  
<211> 145  
<212> DNA  
<213> Homo sapiens

<400> 10329  
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ataatatgat gacctctctc cctcatccac aagttgcca gaacttcctt aaaaagctaa 120  
atctcagttt tccatattcc accct 145

<210> 10330  
<211> 205  
<212> DNA  
<213> Homo sapiens

<400> 10330  
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aaaaagctct ataaggagga cgaatcaaga attagaagg aatagttttc tgaaatgcat 120  
cacgggtaaa gaattggaat actccagctc cttttttgga acatagattg aaaatcatta 180  
ccttagatgg ttttatttct gtggg 205

<210> 10331  
<211> 136  
<212> DNA  
<213> Homo sapiens

<400> 10331

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 ccagtaatct tcaaaa 136

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 <212> DNA  
 <213> Homo sapiens

<400> 10332  
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 agttactggg tcagacggca ttgaaggggg actccttgct agcatcagaa tgaaccacca 180  
 ggccctgggc agaaaactcc cagatctaga aaagacagga 220

<210> 10333  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 10333  
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 atgtcaagcg aaccttgaaa aagctgccct gagacggtgt cccgccgaaa ggtaattttc 120  
 acgaaaagtg tctctgagtc acaaagttca tgggactttg tgactcggaa aagagatgat 180  
 tctttagtgt ttttcaactct tctccaagtt gccctaaacc ctccttttct catatcgaag 240  
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 <211> 291  
 <212> DNA  
 <213> Homo sapiens

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 aactagcacc tactgtgttc tcaacaccgt gccacctata gaagatgatc atgggaacag 120  
 caatagtagt catgtaaaaa tctttttacc gaaaaagctg cttgaatgtc tgccgaaatg 180  
 ttcaagttta ccaaaagaga ggcaccgctg gaacactaat gagagatcat gatgcagccg 240  
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<210> 10335  
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 <212> DNA  
 <213> Homo sapiens

<400> 10335  
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 aagtgtattc tgcggaacta gcacctactg tgttctcaac accgtgccac ctatagaaga 120  
 tgatcatggg aacagcaata gtagtcatgt aaaaatcttt ttaccgaaaa agctgcttga 180  
 atgtctgccg aaatgttcaa gtttaccaaa agagaggcac cgctggaaca ctaatgaggt 240  
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 acatagtcct actttatgtt agctttaaat ttaaaatact gatctaggaa attgtaaagt 360  
 acattattta atctggattt gacmgaracc aaccaacatg ttttttgatc tgtctctgat 420  
 ctgcttggct tgcattgaaa gatacacaat gtgcacgttk gacttaacta aagtagcatg 480  
 agttctgtct gwgtttctt 499

<210> 10336  
 <211> 253  
 <212> DNA  
 <213> Homo sapiens

<400> 10336  
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 ccctgatatc agtggattat gaaatttttg ggaagggtgca aggggtgttt ttccgtaagc 180  
 atactcaggc tgagggtaaa aagctgggat tggtaggctg ggtccagaac actgaccggg 240  
 gcacagtgcagg 253

<210> 10337  
 <211> 172  
 <212> DNA  
 <213> Homo sapiens

<400> 10337  
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<210> 10338  
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 <212> DNA  
 <213> Homo sapiens

<400> 10338  
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 tgagaaggac attttgaagg ttttgttggc tgaaaaagct gtttctggaa tcaccccgcg 120  
 ggagggggcca tctactgca gtctaacttt gtcttaactt attacatctg caatgacctt 180  
 atttccacat aaggtcacat tctgaagtac taggggttag aacttcaaca tataaattgg 240  
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<210> 10339  
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 <212> DNA  
 <213> Homo sapiens

<400> 10339  
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 gtcaatctcc cagaatgtag ttctatatc tctaaatatg aaagtatcca gaaaggccag 120  
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<210> 10340  
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aaatgaatgc	aaacaatcac	gtgggattca	gccaaagcagt	gacgttaa	tctgctctgt	180
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aaccgtggat	ttcatattat	agactaaaa	cccatataaa	ctgctcaaaa	tccttctctgc	300
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gcactacatt	ttagctctgg	ctgctttaca	ttgcagctca	gtgttattag	tagaaatatg	420
gatactgaga	cgagaacaca	gcactgcatt	gtccagccag	gaaaatagca	gatgtaaaaa	480
gcttcaatgc	atcaactgtc	gggaagagtc	aacagtgtca	caagcagaac	gggcaactac	540
agctcttttg	tttaacgaaa	gagaraaatg	aaagaaaggg	aaaatttcag	aagactagga	600
cccatatgaa	caaggagggt	aactcgaaga	caagca			636

&lt;210&gt; 10341

&lt;211&gt; 209

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10341

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gatctgcttg	gagaagccca	aataccgctg	tccagcctgc	cgctgtccct	aaacagtgc	120
accctgaaac	tcgtcctggt	gagaaaaaaa	taagatcagc	tcttcctacc	aaaaccgtaa	180
agcctgtgga	aaacaaagat	gatgatgac				209

&lt;210&gt; 10342

&lt;211&gt; 343

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10342

gggggtccag	tggttataca	gttccaacag	tgtgcagggg	ccattctcag	ttganattat	60
aaaccaaggt	tcacagtcct	gaagtttgct	gtagtgtgga	tgtcaaagac	agtctttctc	120
tgatattctc	agaagatttg	gtctttgggt	tctagattgt	aagagggtga	ctgtcctcag	180
tgaaccataa	aaagctttct	ttttctgctg	aaaatacact	gtagcataat	aattttacttt	240
tataacatca	gccctcttcc	atgggaaagc	ttttatacaa	tcagaaaaca	tcggttgaaa	300
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&lt;210&gt; 10343

&lt;211&gt; 210

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10343

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ttttcatttt	acttcacct	ccaaggaggt	caatcacttg	gcgtgacttc	actactttta	180
agcaaaagag	taagttttta	aaaaatgaga				210

&lt;210&gt; 10344

&lt;211&gt; 245

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10344

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ataagcacta	gtgatccagc	cgaagtactc	gtcaaaaata	gccagcctat	caagactctt	120
ccacctgcta	cttctaccga	gccatctgta	atcttatcaa	aaagtgatcc	tgacaagagc	180

tcttccaag tgccgccaat actacaagag acagataaat ccaagtcaaa taccaagcaa 240  
aatag 245

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<212> DNA  
<213> Homo sapiens

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gggccaatgct gactgccaag ggtggctgta taagaaaaag gaaaaggga gtttcctaag 180  
caacaaatgg aaaaagttct gggtgatact gaaggggtcg tctactgactg gggtgagaag 240  
ggttactact acttgcacg cggtgccggg gcctgtggcg tgaacacccat ggccagctcg 300  
gcggtggtgg actgaaga 318

<210> 10346  
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<212> DNA  
<213> Homo sapiens

<400> 10346  
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ttttttkgag accgagtctc attctggtgc ccagggtgga atgcagtggt gmaatctcgg 120  
mttactgcaa tctccacctc ctgggggtcaa gtgattcttg tgcctcccag gtagctgggg 180  
actataggca ccaccacacc cggctaattt ttggtgtttt ttggtgtttt gtttkgtatt 240  
tttagtagag acgggggttt accatgttgg ccgggctggc tgcaaactcc tgacctcagg 300  
tgatcagccc gcctcagcct cccaaagtgc 330

<210> 10347  
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<212> DNA  
<213> Homo sapiens

<400> 10347  
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tgatgtgtct ctgccttta rccagtgaag aaaatcttct tagaaggaca cagcagactt 180  
ctccttatgt ctcatatgc agaagtggac cacaggacag tccctactgt aaactcttct 240  
aagtatcagg caaaaaggaa caaaaggccc cagcctggct taaaccaacc ttgagtcac 300  
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aaactgctca tgggtaagaa attaacagtg tgtgccataa ttcataattg tcgccaagca 420  
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<210> 10348  
<211> 291  
<212> DNA  
<213> Homo sapiens

<400> 10348  
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cccaaatacc gctgtccagc ctgccgctg cctactgct cggtagtctg cttccggaag 120  
cacaaagaac agtgcaaccc tgaaactcgt cctgttgaga aaaaaataa gatcagctct 180  
tcctaccaa accgtaaagc ctaaggactt gtgacatcat agattagttt tgcctacttc 240

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291

<210> 10349  
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<212> DNA  
<213> Homo sapiens

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aaattgtccc gaatccctgc agtctttctg taggttgagg cacaacgcca ggcaaaagaa 180  
gaggaaggaa tttaatccta atcgggtggag gtcgatttga ggggtctgctg tagcaggtgg 240  
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gagtggcaca ccactagggg aaagaagaag gggcgaactg cttgtcttga ggaggtcrcc 360  
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<210> 10350  
<211> 488  
<212> DNA  
<213> Homo sapiens

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cgctgttgcc cccggagcgg acgtttctgc agctattctg agcacacctt gacgtcggct 180  
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cctgcggtgc atcatgaagt tccagtacaa ggaggaccat ccctttgagt atcggaaaaa 300  
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tccaaaagcc aggtgacctg atctggacaa gaggaagtac ctagtgcctt ctgaccttac 420  
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<210> 10351  
<211> 246  
<212> DNA  
<213> Homo sapiens

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gagaagtgtt tatgtgggtt taagataata cagctgttaa ggaagtgggc tcttgtttta 180  
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gagaag 246

<210> 10352  
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<212> DNA  
<213> Homo sapiens

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cctgcagtgg ctccagcggg tgcagggacc gccaggttgt cacatcttcc caagccaggc 180  
cagccaggag cgctgcatgc aaattctgcc gtgggctaag gcacgctaac cagagccggc 240

ggcatggact	tcgtcatgaa	gcaggccctt	ggaggggcca	caaaggacat	ggggaagatg	300
ctggggggag	aggaggagaa	ggaccccgac	gcgcagaaaa	aggaggagga	gcggcaggag	360
gcgctgcggc	agcaggagga	ggagcgtaag	gccaagcacg	cgcgcatgga	ggcggacggg	420
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&lt;210&gt; 10353

&lt;211&gt; 519

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10353

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tttttcagt	ktwaagttty	ctttacctta	agattcagaa	atactttaga	atattattaa	180
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attcatttct	agcagaggct	gagtttagga	crmagcttcc	attgagaagt	ctttctgtgt	480
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&lt;210&gt; 10354

&lt;211&gt; 448

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10354

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caagagcata	aggcagcagt	ctctgtgctg	acacccttct	ccaagggcgc	gccttctacc	180
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aagggtcaaaa	agagtccaaa	gttcagaaaag	aaaagttatc	tgagtagact	gatgctcgca	420
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&lt;210&gt; 10355

&lt;211&gt; 473

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10355

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ctcatcctgg	ttctggaatc	ctcagttnaa	aggwgaatcc	aacaagatcc	cccgtctgag	180
gactgacctt	tttccaaaga	cgagaatcca	ggacttgaat	cgtatcttcc	cactttctga	240
ggactactct	ggatcaggct	tcggctccgg	ctccggctct	ggatcaggat	ctgggagtgg	300
cttcctaacg	gaaatggaac	aggattacca	actagtagac	gaaagtgatg	mtttccaatg	360
acaaccttaa	ggtctcttga	caggaatctg	ccctcagaca	gccaggactt	gggtcaacat	420
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&lt;210&gt; 10356

&lt;211&gt; 457

&lt;212&gt; DNA



<213> Homo sapiens

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agaaggacgg caagaagcgc aasgcagccg caaggagagc tactccgttt acgtgtacaa 180  
gggtgctgaag caggtccacc ccgacaccgg catctcgtcc aaggccatgg gcatcatgaa 240  
ctccttcgtc aacgacatct tcgagcgcgcat cgcgggagag gcgtcccggc tggcgacta 300  
caacaagcgc tccaccatca catcccgcga gatccagacg gccgtgcgcc tgctgctgcc 360  
cggcgagctg gccaaagcac ccgtgtccga gggcacaagg cggtcascaa gtacaccagc 420  
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<210> 10357

<211> 470

<212> DNA

<213> Homo sapiens

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gcgcagaaga aggacggcaa gaagcgcaas gcagccgcaa ggagagctac tccgtatacg 180  
tgtacaagg tctgaagcag gtccaccccg acaccggcat ctctcttaag gccatgggaa 240  
tcatgaactc cttcgtcaac gacatcttcg aacgcacgcg gggtagggt tcccgcctgg 300  
cgcattacaa caagcgctcg accatcacct ccagggagat ccagacggcc gtgcgcctgc 360  
tgctgcccgg ggagttggcc aagcacgccg tgtccgaggg caaggccgtc accaagtaca 420  
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<210> 10358

<211> 470

<212> DNA

<213> Homo sapiens

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aggcgggtgac caaggcgagc aagaaggatg gtaagaagcg caastnagcc gcaaggagag 180  
ctattccgtg tacgtgtaca aggtgctraa rcagggtccac cccgacaccg gcatctcmctc 240  
yaargccatg ggsatcatga aytcccttygt caacgayatc ttcgagcgca tcgcyggcga 300  
ggcttcccgc ctggcgcat acaacaaaagc gctcgaccat cacctccagg gagatccaga 360  
cggccgtgcg cctgctgctt cccggggagc tggccaagca cgctgtgtca gagggcacca 420  
aggccgttac caagtacacc agctccaagt aaacttgctc ctgcaactgc 470

<210> 10359

<211> 444

<212> DNA

<213> Homo sapiens

<400> 10359  
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agccgccgga gccgcaatgc ctaaaggagg aagaaagggg ggccacaaaag gccgggagag 180  
gcagtataca agccctgagg agatcgacgc gcastgcagg ctgagaagca gaaggccagg 240  
gaagaagagg agcaaaaaga aggtggagat ggggctgcag gtgaccccaa aaaggagaag 300  
aaatctctag actcagatga gagtgaggat gaagaagatg actaccagca aaagcgcaaa 360

ggcgttgaag ggctcatcga catcgagaac cccaaccggg tggcacagac aacaaaaaag 420  
gtcacacaac tggatctgga cggg 444

<210> 10360  
<211> 352  
<212> DNA  
<213> Homo sapiens

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cgctgtccca aatccgctgt tactatgaga aatgaagagc tgcttttaag taacggcaca 120  
gccaacaaga tgaacggagc tttggatcac tcakaccaac cagaccaga tgccattaag 180  
atgtttgctg acagatcccc cggatcatggt cggaaaagga gctgaaagaa cttttgagcc 240  
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<210> 10361  
<211> 260  
<212> DNA  
<213> Homo sapiens

<400> 10361  
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aatcactggc ctatgtttta taagtttttc tttaattact gtggaataac gtgccagcta 180  
tcatcaacac aatgattttg tacatagggg agggaagcag tgatgctctc aatgggaaga 240  
tgtgcaacac aaattaaggg 260

<210> 10362  
<211> 347  
<212> DNA  
<213> Homo sapiens

<400> 10362  
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cgggagtaaa agtcctcgc aatttccgac tggtggaaga actcgaagaa ggccagaaaag 120  
gagtaggaga tggcacagt agctgggggc tagaagatga cgaagacatg acacttaca 180  
gatggacagg gatgataatt gggcctccaa gagtaagcgt cgagctacgg ctataaatgt 240  
caatgtctta aattcactgt gcctcctttt aaaaaatatt agccttatca cggaaaaaaa 300  
gtccaccaat ggtatatttt ctgaaatgtg gctattcttt tttgacc 347

<210> 10363  
<211> 378  
<212> DNA  
<213> Homo sapiens

<400> 10363  
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cttcctctga agcctgcgga acttcctgag cctcctacct ctgctggaag cccagatccc 120  
attgtgtgcc aacctagtag cgggtgcccac caccaacgcc accctggacc rgatcactgg 180  
caagtggttt tatatcgcac cggccttttcg aaacgaggag tacaataagt cggttcagga 240  
gatccaagca accttctttt acttcacccc caacaagmca saggacacga tctttctcag 300  
agagtaccag acycgacagg accagtgcac ctataacacc acctaccggg satcctcgtt 360  
aacccataca aaaaaaac 378

<210> 10364  
 <211> 453  
 <212> DNA  
 <213> Homo sapiens

<400> 10364  
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 caagtggttt tatatcgcat cggcctttcg aaacgaggag tacaataagt cggttcagga 240  
 gatccaagca accttctttt acttcacccc caacaagaca gaggacacga tctttctcag 300  
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 aatatgaacc aaagctgcac tgtgctgtac ttt 453

<210> 10365  
 <211> 212  
 <212> DNA  
 <213> Homo sapiens

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<210> 10366  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 10366  
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 wttcagacca ggctctgaac ccgcagtaaa aaatgtctga ggataaaaag gatgaaggca 180  
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<210> 10367  
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 <212> DNA  
 <213> Homo sapiens

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 tacttggttg ggcctctctg ataaaaagag atgtgggggg attctcgacc tgctaacagc 180  
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 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 10368  
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 tctcggaggt ggtattggtg tgtgagtggtg tgtggc 336

<210> 10369  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 10369  
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 <213> Homo sapiens

<400> 10370  
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 caaatgtttt aagcaatttt aaaaaggcag gatgttattg acattataca ctgaagtctt 180  
 aacattttta catttatagt gcttatttgc aaaattgtat aattaggaat tatttcaga 239

<210> 10371  
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 <212> DNA  
 <213> Homo sapiens

<400> 10371  
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 ggcaccaaca gcggcgcgng caagaagcgc tttgaagtga aaaaggcata gaatgtcaag 120  
 ctaaccaggc gtccgctact tcagaagagt gtactgtcgc atggggagtc tgtaaccatg 180  
 cttttcactt ccactgcac tctcgctggc tcaaaacacg acaggtgtgt ccattggaca 240  
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 attgttttgt tattcattta atgactttcc ctgctgttac ctaattacaa attggatgga 360  
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<210> 10372  
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 <212> DNA  
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<400> 10372

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tcccgccacc	ggccgcttct	gtcctcggac	ccattccaac	aatctcgtaa	aacatggtgg	180
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<210> 10373  
 <211> 236  
 <212> DNA  
 <213> Homo sapiens

<400> 10373						
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<210> 10374  
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 <212> DNA  
 <213> Homo sapiens

<400> 10374						
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ctggatcaac	tcgttacgag	aaaagtgggt	taagatatat	tgacatttat	tcttttgga	120
aaagtgttc	tagtgtgtgt	gtgtgtgtgt	gtgtgtgtgt	gtg		163

<210> 10375  
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 <212> DNA  
 <213> Homo sapiens

<400> 10375						
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<210> 10376  
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 <212> DNA  
 <213> Homo sapiens

<400> 10376  
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 ggtctgtcac artctgctcc ttttttttgt cccccacacg taactgagat gctcctttta 360  
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 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 10377  
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 ggtaatcggg tgggggcatt tggccgactg cggcgacact aaaccctgat gtgacctcta 180  
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<210> 10378  
 <211> 446  
 <212> DNA  
 <213> Homo sapiens

<400> 10378  
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 ttatgaaata aaagtactga aaaccagaca caaaatttat agctgaatgc cttattataa 360  
 ggaaatactc ttttaggact cagccagtca ccccacgtgt cctttttgtg tctgtgcaca 420  
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<210> 10379  
 <211> 367  
 <212> DNA  
 <213> Homo sapiens

<400> 10379  
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 ttggccgatg ggaatggtct gtcacartct gctccttttt tttgtccgcc acacgtaact 300  
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 aaaaaac 367

<210> 10380  
 <211> 427

<212> DNA  
<213> Homo sapiens

<400> 10380  
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caatgtaaaa ggccccgtgc gcgagggcga cgtgctcacc cttttggagt cagagcgaga 180  
agccccgagg ttgcgctgag cttggctgct cgctgggtct tggatgtcgg gttcgaccac 240  
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gagatgcacc tataggggaa cataknccac attaaatagt tatatacaca tcagttcctg 360  
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acagagg 427

<210> 10381  
<211> 446  
<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<210> 10385  
 <211> 886  
 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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<210> 10387  
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<212> DNA  
<213> Homo sapiens

<400> 10387  
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tcgaggtgca taccggaccc ccattcgcat ctaacaagga atctg 165

<210> 10388  
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<212> DNA  
<213> Homo sapiens

<400> 10388  
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<210> 10389  
<211> 475  
<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 10392  
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 tggagagtcag tctcgcgag tgaattagga atcagag 217

<210> 10393  
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 <212> DNA  
 <213> Homo sapiens

<400> 10393  
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 gggaagaagt tgtgtacctc acataggaaa cccagaaaaa gggcagtctt aatcagacat 180  
 gacaagatct agaatgactg ctacatccac gcattagacc atgaaatgag ggtcacatcc 240  
 cctgccccgt gtttgtaa 258

<210> 10394  
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 <212> DNA  
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<400> 10394  
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<210> 10395  
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 <212> DNA  
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<212> DNA  
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cacaccacac acaaccagtc ccgaaaatgg cacagaaatg gtatcaagaa accccaggcc 180  
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cacaccacac acaaccagtc ccgaaaatgg cacagaaatg gtatcaagaa accccgaccg 180  
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<212> DNA  
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<400> 10398  
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<210> 10399  
<211> 639  
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 <212> DNA  
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 <213> Homo sapiens

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 <213> Homo sapiens

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 <212> DNA  
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<210> 10406  
 <211> 96  
 <212> DNA  
 <213> Homo sapiens

<400> 10406  
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<210> 10407  
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 <212> DNA  
 <213> Homo sapiens

<400> 10407  
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387

<210> 10408

<211> 175

<212> DNA

<213> Homo sapiens

<400> 10408

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<210> 10409

<211> 451

<212> DNA

<213> Homo sapiens

<400> 10409

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<210> 10410

<211> 409

<212> DNA

<213> Homo sapiens

<400> 10410

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<210> 10411

<211> 274

<212> DNA

<213> Homo sapiens

<400> 10411

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&lt;210&gt; 10419

&lt;211&gt; 177

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 10420

&lt;211&gt; 328

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 10421

&lt;211&gt; 113

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 10422

&lt;211&gt; 351

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 aatcattcca gagtatgtan tatttaactg atagctgcat gaaagtgaga ttcgtgttac 540  
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<211> 319  
<212> DNA  
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<210> 10438  
<211> 283  
<212> DNA  
<213> Homo sapiens

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atttagatag actgatttag aagtgaacac ttggtaacat ccctagactc cactcatgaa 180  
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283

<210> 10439

<211> 170

<212> DNA

<213> Homo sapiens

<400> 10439

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<210> 10440

<211> 468

<212> DNA

<213> Homo sapiens

<400> 10440

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<212> DNA

<213> Homo sapiens

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<211> 382

<212> DNA

<213> Homo sapiens

<400> 10442

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<212> DNA  
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aatcaa 487

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<212> DNA  
<213> Homo sapiens

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cacttaagtt tcacagaagc cggttatgtt gtagtaatgg gtcattgcct actaatgaac 180  
tccatcactg tacacagaat gaagaataat gcatgttaat tttcttgtat taaagatgcc 240  
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<210> 10447  
<211> 289  
<212> DNA  
<213> Homo sapiens

<400> 10447  
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tcttgtttct ttacagccta tttttaacaa agaaaactgga gtgatcattt aaaaatggaa 180  
atcagatcct gccatgcctc tgtcccgctg cttccaatgg cttaccatct cacttggagt 240  
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<210> 10448  
<211> 399  
<212> DNA  
<213> Homo sapiens

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taaattggacc tggagaagga gtaaagggtg atccagaaga tactaactta aatcaagaca 120  
gtgccaaaaga attggaagat agtcccagg aaaatgtcag tgtcacagag atcatataac 180  
catgtgatga tccaaaaagt gaagctaaaa gtgttcctaa acccaaagga aagaaaacca 240  
aagatatgaa aaaacctgtc agagtacctg ctgaaccaca aacaatgagt gttcttatca 300  
gctgtacaac ctgccattaa accaccacat gctatttttc taagaggagt ttgctcatgt 360  
tgtgcccctc tctgacacaa actctgcaaa gggtttaca 399

<210> 10449  
<211> 463  
<212> DNA  
<213> Homo sapiens

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aaagctcgct atgacagggg gatgaaaaat tacgttcctc ccaaaggtga taagaagggg 420  
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<210> 10450  
<211> 370  
<212> DNA  
<213> Homo sapiens



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 gaggaagctg gaacgagggg taaggaaaac cttccagtct ggacagtgac tggagagctc 240  
 caaggaaagc ccctcggtaa cccagccgct ggcaccatga acccagagag cagtatcttt 300  
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<210> 10451  
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 <212> DNA  
 <213> Homo sapiens

<400> 10451  
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<210> 10452  
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 gaagactcgc ctctcagccg cccgcgcgac agacgcacga gtaaaaagtg cagctccatc 180  
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<210> 10453  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 10453  
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<210> 10454  
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 <212> DNA  
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 ggagctatga agtgtgggca tcaagctgcc accctctgcc aggtgcctg tctgcctsy 180  
 aatctcatgt tctgagagcc aggaggcccc ttctcctggg aggcagcact cctgggtccc 240

ttttagtgtct ctgggctggg acttgtctaa gaggatgggt tggagatttt tagggagatg 300  
 ggatgcaaaa ccccaagtgg catgagaccc agcttacagg tgcaatatca gcgatctgtg 360  
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<210> 10455

<211> 256

<212> DNA

<213> Homo sapiens

<400> 10455  
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 aggcaaaaat gatcatgccg aaaaagtggc ggaaaagcta gaagctctct cggatgaagga 120  
 ggagaccaag gaggatgctg aggagaagca ataaatcgtc ttattttatt ttcttttctt 180  
 ttcttttctt ttttttaaaa aattttaccc tgccctctt tttcggtttg tttttattct 240  
 ttcattttta caaggg 256

<210> 10456

<211> 393

<212> DNA

<213> Homo sapiens

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 caccgcctc tccgcgcgcg agatacacgc cccgcctcc gtgggcacaa aggcagcgt 180  
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<210> 10457

<211> 454

<212> DNA

<213> Homo sapiens

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 ctagggaagg cagattttgg ccatggtggt tcagttttgg aaaagttaaa tttgcaatgt 240  
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 tctggggtag gaaaaaaatc taagtattta taagggtata ggtaacattt aaaagtaggg 360  
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<210> 10458

<211> 206

<212> DNA

<213> Homo sapiens

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<210> 10459  
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<212> DNA  
<213> Homo sapiens

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ggacttttat gtcgtaaca 139

<210> 10460  
<211> 477  
<212> DNA  
<213> Homo sapiens

<400> 10460  
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aaacatttga aggacctaaa ttcgtagcaa attctgtggc agttttaaaa agttaagctg 420  
ctatagtaag ttactgggca ttctcaatac ttgaatatgg aacatatgca caggggga 477

<210> 10461  
<211> 108  
<212> DNA  
<213> Homo sapiens

<400> 10461  
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aaggcccata tgggagactt cagtctcatt attattgctt ttatccag 108

<210> 10462  
<211> 443  
<212> DNA  
<213> Homo sapiens

<400> 10462  
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aargttacca agtggtgaag ggctccatgc cattgtttgtg tcagatagag atggagtacc 240  
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tttcatagcc agcagcagtg cca 443

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<211> 205  
<212> DNA

<213> Homo sapiens

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<210> 10464

<211> 255

<212> DNA

<213> Homo sapiens

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<210> 10465

<211> 164

<212> DNA

<213> Homo sapiens

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<210> 10466

<211> 411

<212> DNA

<213> Homo sapiens

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<210> 10467

<211> 463

<212> DNA

<213> Homo sapiens

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tgaagttwct ggaggtagaa catcctgcag ctaaagttct ttgtgagctg gcctgatncy 420  
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<210> 10468  
<211> 296  
<212> DNA  
<213> Homo sapiens

<400> 10468  
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<210> 10469  
<211> 200  
<212> DNA  
<213> Homo sapiens

<400> 10469  
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<210> 10470  
<211> 405  
<212> DNA  
<213> Homo sapiens

<400> 10470  
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cggggcccg cacaggggtga gaggtgagat gcctgtgggg aaatccagga gatagttaaa 240  
cacatgcaag gggctggagc tcaggagagg cttgggtctgg aaggaaaaag ttgaagtcca 300  
tcacaacaca ggtggtagtt gtcaatactg tccagagaca gtgtacagaa agagaaaagg 360  
atgggttgag gacagagcct gaggaatgaa gaagggcatg caagg 405

<210> 10471  
<211> 302  
<212> DNA  
<213> Homo sapiens

<400> 10471  
cacaaagctt attagaagta atttttagtgc cagaatccaa attaaatgtc ctccccctta 60  
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ataggaatac ctatgcaata gtctctctaa aaggaaggac atatttagat tgatgcttta 180  
aaagttattt aaattctcta aataaaaagt tgagtttgca ataattatat tgactatata 240  
atgggtgttc ttacctgaag agaagacaaa catactctct cttttttcta tttcaaaacg 300  
tg 302

<210> 10472  
 <211> 307  
 <212> DNA  
 <213> Homo sapiens

<400> 10472  
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 caaaatggag agaatttctg caaacaggtc acatctgttc ttcagcaaag ggcaaacctg 180  
 gaaattagct atgccaaagg acttcagaaa ctggcaagca agctgagcaa agcattacag 240  
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 cagcggg 307

<210> 10473  
 <211> 230  
 <212> DNA  
 <213> Homo sapiens

<400> 10473  
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 tttagactga gtagatttgg gacagcttcc ctgattgaca ggtgagactt gaaagagcag 120  
 tgttagccag gcatgagggc tagagaagag aaaaagttta ttgaagcaga aggaatagca 180  
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<210> 10474  
 <211> 194  
 <212> DNA  
 <213> Homo sapiens

<400> 10474  
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<210> 10475  
 <211> 521  
 <212> DNA  
 <213> Homo sapiens

<400> 10475  
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 ttccgagaga acgagcacct cctcgaagtc atccagtgga tgaatctggt tatagatgga 180  
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 gaagaaaaag tttctactct tcccattatg cgagagagcg gtctccttat aaaagggaca 300  
 atactttttt cagagaatca cctgttgagg gaaaggattc tccacacagc agatctgggt 360  
 ccagtgtcag tagcagaagc tactctccag aaaggagcaa atcatactct ttccatcagt 420  
 ctcaaacata gcaaataaag agaggcctgt ccagtctttg aaaacatcaa gagmtamttc 480  
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<210> 10476  
 <211> 242

<212> DNA  
<213> Homo sapiens

<400> 10476  
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gacagtggta gttggctttt gcaacacccc cttcccat tgcacatatta cagattgaag 180  
aaaaagtttg ttgctcaaaa cttacagttt gtttctttgc agcccaaac cttttagcta 240  
cc 242

<210> 10477  
<211> 442  
<212> DNA  
<213> Homo sapiens

<400> 10477  
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<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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aactcagggt tgatactgaa gaatggattg ctaccattga agcattgctt tcaaaaagtt 180  
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<210> 10480  
<211> 393  
<212> DNA  
<213> Homo sapiens

<400> 10480  
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<210> 10481  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 10481  
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 gatgtaatct tgtctcaaact actaatcacag tggagatttg gtttatgtta ccattaagtt 180  
 cctctaaaaa gtttttcttc ctctcttcag agccaaaata aaagtgaact acactgttca 240  
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<210> 10482  
 <211> 451  
 <212> DNA  
 <213> Homo sapiens

<400> 10482  
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 <211> 575  
 <212> DNA  
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 <212> DNA  
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<210> 10485  
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 <212> DNA  
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<400> 10485							60
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gcccgtctcg	cgcgtcgcag	gggccggatg	gcgttagatt	gctagctctg	acttggtcga		300
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gggtaaaaact	gattattatg	ctcggaaacg	cttggtgata	caagataaaa	ataaatacaa		540
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tggtgatgaa	tacaatgtgg	aaagcattga	tggtcagcca	ggtgccttca	cctgctattt		818
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<210> 10486  
 <211> 207  
 <212> DNA  
 <213> Homo sapiens

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aagacccaaa	cggaaataaa	aagagcttcc	tgaaaagaac	acagcagaag	tagtaaacca		207
gttctctatc	acaaaatgtg	caacagt					

<210> 10487  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 10487  
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gactactttc tctgcttccc catcttacat tttaaaaatt actttaaaaa tggataatat 180  
gtacacgata tgaatttgaa aagggtacaaa aggtgtacaga gtgaaaaata aatgttttcc 240  
ttttccttcc tgcccttgac aactaaaacc tgccaatcat caagtccctt ttccccaatc 300  
tggtcctttt caaccccaaa gtcattatct aggccagcc 339

<210> 10488  
<211> 81  
<212> DNA  
<213> Homo sapiens

<400> 10488  
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gtctcttttt tctttttttt t 81

<210> 10489  
<211> 596  
<212> DNA  
<213> Homo sapiens

<400> 10489  
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ttttctcaac agagagcaaa gggccaggca gtaaggtaga aatagagata aaaatcattc 180  
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aacataatat gtaatttggtg tattagttag aggtgaagcc agctggactt cctgggtcga 480  
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<210> 10490  
<211> 379  
<212> DNA  
<213> Homo sapiens

<400> 10490  
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caactatcca ccaaaagtag gatatataga taaatcaata gactgataga ttggcagata 180  
gataggagtg ctatacagct gttaaaaaata actgtaatgc agtggtactc atcaatctgg 240  
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ttattccatt tctgtaagggt caaaacaagc aaaattcagc aacatagtgt tttgaaatgc 360  
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<210> 10491  
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<212> DNA  
<213> Homo sapiens

<400> 10491

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taggaagaaa acattttattg ggtactaaga cccacgcta ggtctggccc acataattta 180  
atcttcacag cagtcctgt ggggcaggtg tttttatttc caccattcag atgaaga 237

<210> 10492  
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<212> DNA  
<213> Homo sapiens

<400> 10492  
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<210> 10493  
<211> 176  
<212> DNA  
<213> Homo sapiens

<400> 10493  
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ttagttccag agggcatttg ttataggtat tcaaaaaatc caccaacact tttttt 176

<210> 10494  
<211> 121  
<212> DNA  
<213> Homo sapiens

<400> 10494  
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<210> 10495  
<211> 559  
<212> DNA  
<213> Homo sapiens

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gctggccatt ttaaaggggt tttctcaaaa gttaaacttt tgttatgact gtgtttttgc 240  
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ttggtaaata ataagcatat attttttata gcctgtattc acaattctgc ggtaccttat 420  
tgtacctaa ggtgtgtgca cgtataaaaa cagaaagcac taggatacaa 480  
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<210> 10496  
<211> 161  
<212> DNA  
<213> Homo sapiens

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<210> 10497  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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<210> 10499  
<211> 359  
<212> DNA  
<213> Homo sapiens

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taggaagacc	ccggcgacct	gttcctcacc	cccgtctcgc	cctcacactt	tggggatgtc	240
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<210> 10500  
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<212> DNA  
<213> Homo sapiens

<400> 10500  
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<210> 10501  
<211> 381  
<212> DNA  
<213> Homo sapiens

<400> 10501  
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<210> 10502  
<211> 333  
<212> DNA  
<213> Homo sapiens

<400> 10502  
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accctgctg ccgccaactg ctgtgacctc ccc 333

<210> 10503  
<211> 393  
<212> DNA  
<213> Homo sapiens

<400> 10503  
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<210> 10504  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<400> 10504  
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 actacg 426

<210> 10505  
 <211> 317  
 <212> DNA  
 <213> Homo sapiens

<400> 10505  
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<210> 10506  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

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 gccactgcac tgcagcctgg 260

<210> 10507  
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 <212> DNA  
 <213> Homo sapiens

<400> 10507  
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 ctctgaaaaa aaaatgtgag aggttggtac taagaagtgc ctttctctgac gtctctgctg 240

cttgaaccg cttctagagc agtctctgct tttgccttgc ttgctgccag ctagactgtg 300  
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 gagaaaagct ctaagtatct ggcattgccc taggctgctt tagtggttaa agaaaagttt 420  
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 gggcatcttg gaatcatgac tcccacaatg ccttgggcac ttggtcgaca gtggggccgc 180  
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 <213> Homo sapiens

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 tgggggtggtc gtgttttttg tttcttggtg gtaggtggtg aatgcgtttt tttcgttgtt 240  
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 cacttcatca ccgtccccag ctgcgctttg agccgg 336

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 <211> 338  
 <212> DNA  
 <213> Homo sapiens

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 actctcctgt gcctgccaga agagacagag cttgaggaga gcttgaggag agcaggaaag 180  
 gacaatgccg tcttctgtct cgtggggcat cctcctgctg gcaggcctgt gctgcctggt 240  
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<210> 10511  
 <211> 252  
 <212> DNA  
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 gtcttggttt gtgtgtatag atttatgtat gtatctattt atgtgtgttt gtgcatgcat 180  
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<210> 10512  
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<212> DNA  
<213> Homo sapiens

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catgttttgg caggetgggc tcgaactcct gaccttgtga tctgcctgcc tcggcctccc 180  
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tgtaacatat taataggtaa cttgctgtgt aaaattataa gccatatttt aaaaggtttt 360  
aaaaatactt attgtgctcc atttgtgata taatttctaa catttctgct ctgtgatggg 420  
ggtttatttg taagaataag a 441

<210> 10513  
<211> 364  
<212> DNA  
<213> Homo sapiens

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aaggatcaag aatattacca gttttctgat gaagaaagga atatatttgg tcaccagcaa 120  
tctgcctttg accatcctca agccaagtt ttctatcgct gtctagaaaa atacttcatt 180  
cagaggacac atatgtcctc tttgaatgtc tccttttttg gagcagtagg agaaagaaac 240  
ttcaagatgt agaaagaatt aatagtgtaa cggaagaaaa gaaggcaaaa ggaagtaaat 300  
gtggaggcca tagaaatagt aataagaata aagaagaaaa acaggraaga agagggaaaa 360  
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<210> 10514  
<211> 272  
<212> DNA  
<213> Homo sapiens

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cgattgtaag gagaggcggc cccggtgtcc tcgggtccca ggtgattgtg aagtgtgtac 180  
caattgccac tggacatact tgaaacaaaa taggaaaatg gcagcraact ctccaggaca 240  
rgaaacaggg tctcgttttg ttrccaggc tg 272

<210> 10515  
<211> 667  
<212> DNA  
<213> Homo sapiens

<400> 10515  
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agacaataca tacgagattt aacaaatact tggtttgaaa aagtttggct ttawtcaaca 120  
attttagttt gccactgat tttcaaagt ctgtgggatt gcttataact aagtagaaag 180  
tgaagattga tttttactta agaatgggat agagatgagt tttatggttt ttaaaagtat 240  
tttcagttca ttatttaaatt gttgggttgt tgatatggc ttgtttctga taaggaaata 300



ggagcaactt gttttaaaat aactacacta aaagactttc ttcattctccg tatagagaaa 360  
 tccagatttc aattaattca tttattgggt gctaacaaaa ttcaggggta gagtaaattt 420  
 aggtctgttg gtccatgtgg cctgggtttcc tagcacccat taaacataat gctatctttt 480  
 aagcctgaac atgtggggtt tttaaatcaa attggaaaaa aattagacaa ctgatgtcat 540  
 gctgtcttgg tatccatact aaaaaagtat caggaaaaata gattattttt gtgctgtgaa 600  
 acactattca gtggaaagtt tagtggcact tttccatata attcatgact taatacctga 660  
 aatgcac 667

<210> 10516  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 10516  
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 gagagaagga aaggagagaa ggcaggaagw akgaaggga cgagacaacc atgctgtgct 120  
 gtatgagaag aaccaracag gttgaaaaaa atgatgacga ccaaaagatt gaacaakatg 180  
 gtatcaaacc agaagataaa gtcataagg ccgcgcggat ggggtgtactg agagaaaaaca 240  
 tgtaattgag gatggagcct tgaggataat gacgaacatt ggcaatgcca gctgtggagg 300  
 ataagtgggc aacagacatg ataaattata gatagg 336

<210> 10517  
 <211> 224  
 <212> DNA  
 <213> Homo sapiens

<400> 10517  
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 aaaatagatg tagtgaatca gtccctttgt gaatgtccta ttgttagttt ttaggaaggc 120  
 ctgtcttctg ggagtaacct ttattagtcc acttcttgga gctagacgtc ctatacttag 180  
 tcactgggga tggtgaaaga gggagaagag gaagggcgaa ggga 224

<210> 10518  
 <211> 385  
 <212> DNA  
 <213> Homo sapiens

<400> 10518  
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 cttcattgga ttaatcagct ggtttcaact ctactgcgaa acaaaaatag ctccttaaaa 180  
 gtactgttct ccttcagtgg catgtagtta tctaatacag acacctcatt caaacaaaac 240  
 ctgccttagg aaaatttaaat atattttaaa ttattttaaa agaaatacaa catcttattc 300  
 tttagctttc ttaatcggtg ctttatgrag gccagtktaa cgttacatga ctcggttgaga 360  
 aagttgagga atttcctcta ccacc 385

<210> 10519  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 10519  
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tccccactcc ctgcacccag cactgtattg cagaggccca gtttgggtat ttatcttaca 180  
gagacgctgc cttcttcatg aaatcgtcct aaaaatagct tcatttaact aggccatttg 240  
acaggctttt tcagactttt tctcagacca gtctgaaagc cggatattat ttcaaacaga 300  
tacaatgaac attgaaccgc atcacaaggc atctgtaccc tattcaggct gctggggagt 360  
gataagacta cctcaaatcg ctgtgtgtag 390

<210> 10520  
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<212> DNA  
<213> Homo sapiens

<400> 10520  
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gaccacaaga gaaggagaga ttaattcttg aaaatccacc tggatggaca gcagcagagg 120  
gaggaggagg caggacagac cagaagagag acaatgaggt tctgaaccta gatgttggcc 180  
aagggagcag aggagggcag gtcaggaggc cctcgccctg caatcacctt tcttggggagc 240  
cttcacttca cctgtgatct caagacctct ccctactgcc tgactcgcgc 290

<210> 10521  
<211> 404  
<212> DNA  
<213> Homo sapiens

<400> 10521  
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attgtcagat ttgtttatat ttatttatgt gacctcaatt taccctaggt tgaggaaaag 120  
agattyagag gtggcagggt ggaagtttgg aaaagtaaaa ttanaggaaa aatagtacct 180  
gatgatata gaaaaaataa tttagccctg tgggatttct agattctatg aatattaaac 240  
tttattaaat tgcagatgca attaaatact ctaactatat ttaagaactt aaaacttgaa 300  
gttcagtctt tagtagttat aggtgaatt ccattccnnw raggtctaaa gcatgtcaga 360  
attgtgcttt tgaattatkt cagactcttt aaatcgaagc ctct 404

<210> 10522  
<211> 173  
<212> DNA  
<213> Homo sapiens

<400> 10522  
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tttcctctga aagccatctg ctttccattt aagatgaagg tttgtgggtgc gtaggcttgg 120  
tttcgtgtaa atactaatct tattaacctg gtattggtaa gaagttgttt tag 173

<210> 10523  
<211> 219  
<212> DNA  
<213> Homo sapiens

<400> 10523  
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ggaatcacag ttgatgggta tatgggtgaca ttagtggcctt aaattctaaa tgactggaaa 120  
ctgtataata ggcgaaactg tgaggcaaat aaaatgcttc tcaaactctg gtggctctta 180  
tggggttaat ttgatttga cctgtattaa tttcttatg 219

<210> 10524

<211> 447  
 <212> DNA  
 <213> Homo sapiens

<400> 10524  
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 gcttggaatc tgagagcaag caaagagagt ggaaatttac agctgcccta tgtgagtgtt 120  
 caagtgatca ttttctggta acgttttcca gtggtaactg ttactcttca aaaagagggg 180  
 cagaaagtca agacctaat gtggaaactc ttttctctgc cacgcttggt aataggaggc 240  
 aacctctatt aaatggacga taaaggctac ttcattctaaa gtgctttgag ctcaagaaag 300  
 agctgtcttc agcacctcac catgtgtcta cattttgttg cttagaaaag cctaggcatt 360  
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<210> 10525  
 <211> 455  
 <212> DNA  
 <213> Homo sapiens

<400> 10525  
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 atcacggcgg agttgtacac gggctacccc ctgttccccg gggagaatga ggtggagcag 180  
 ctggcctgca tcatggagat tccaaagggt ttcctaaaaa tataaccaac aacaggggga 240  
 aaaaaagata cccagattcc aaggacctca cgatgggtgt gaaaacctat gacaccagct 300  
 tcctggactt tctcagaagg tgtttggtat gggaaccttc tcttcgcatg accccggacc 360  
 aggcctcaa gcatgcttg attcatcagt ctcggaacct caagccacag cccaggcccc 420  
 agaccctgag gaaatccaat tcctttttcc cctct 455

<210> 10526  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

<400> 10526  
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 atcacggcgg agttgtacac gggctacccc ctgttccccg gggagaatga ggtggagcag 180  
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<210> 10527  
 <211> 255  
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<400> 10527  
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 aatttcacat tagaaaacga gggatgaatca ggacatttct caatctgtgg ctctgggggt 180  
 taggcaata gtttttgagc atgaccacac ccgggaaact taaaaatata agcttcctga 240  
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 <212> DNA  
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aagtaggtaa	aaaatataca	ttcagctgaa	agcattacac	taacatttac	attttaagcc	240
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gtttcatggt	tttcccacgt	tctttggcta	ttaatttaat	ttcccaggtc	acgtagacaa	360
tcattgataa	ttgaaacaag	tcctgagttg	aaataacctt	gagttgagca	aaaatatcct	420
cattttggca	gaagctgggc	ttggtagtag	agtaaaattt	tagtkanatg	tgctcttgta	425
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 <212> DNA  
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tctataaaaa	tataccatca	actccaacc				

<210> 10530  
 <211> 335  
 <212> DNA  
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<400> 10530						60
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arggtcaagg	atgcattcca	ggaaagtctt	ataaaaaat	accatcagcw	ccaacctgat	240
atttgacctg	gccatggaaa	acctcattgg	ctcctcactg	gatcagacca	taaaaatgat	300
ccaggaatga	aaatctaaga	taaattccca	ccacttcaag	atgttcttat	acaagtsaac	335
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<210> 10531  
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 <212> DNA  
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<400> 10531						60
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gccgggtcgc	tgcggctggg	ctggagggtca	aggatgcatt	ccaggaaagt	tctataaaaa	240
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ctggatcaga	ccataaaaaat	gatccaggaa	tgaaaatcta	agataaatcc	ccaccacttc	360
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<210> 10532

005139-02400

<211> 127  
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 cttttttt 127

<210> 10533  
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 <212> DNA  
 <213> Homo sapiens

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<210> 10534  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

<400> 10534  
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 tataaatatt gtgaaaagag atagactttt tccattgtct catagcttta aaattttttg 120  
 acataaaata aacctatata atatatcatc tttcattct 159

<210> 10535  
 <211> 329  
 <212> DNA  
 <213> Homo sapiens

<400> 10535  
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 aaaaataaat tctcgttgta aaaaactggc tccaccccaa tcctccagtc cattgcgggc 180  
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<210> 10536  
 <211> 183  
 <212> DNA  
 <213> Homo sapiens

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 aaggcacctc ctggtgtcta actcccccaa agacaatgag ttaagggaga gaataagaac 180  
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<210> 10537  
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<212> DNA  
<213> Homo sapiens

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gcggagccag ctcaatgaag cacacaagtc tctgaatttt gtctcaacac tgctccagat 240  
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tatgataaca cagtattggc ctgacgaga aacagcacca ggggatatat ccccttatac 360  
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ctcctgagct catcagggtg cagcttacta catgcatcat caca 464

<210> 10538  
<211> 397  
<212> DNA  
<213> Homo sapiens

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cacaaccgtg gatcaaaaca ggtcagtcct aagtggcagg tcctaggtgt gacctgatac 180  
caccaccctt tgtggcagca cggggctgga ctgccctgat ccctgggacg tgagacttag 240  
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ttacgtggta tcacacttag tcttgaaaaa acaccaa 397

<210> 10539  
<211> 181  
<212> DNA  
<213> Homo sapiens

<400> 10539  
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<210> 10540  
<211> 213  
<212> DNA  
<213> Homo sapiens

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gataggagga ggaggggacc cataggacgc gttaacatgg acctggaaaa caaagtgaag 180  
aagatgggct taggtcacga gcaaggatta gga 213

<210> 10541  
<211> 349  
<212> DNA  
<213> Homo sapiens

<400> 10541  
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<210> 10542  
 <211> 176  
 <212> DNA  
 <213> Homo sapiens

<400> 10542  
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<210> 10543  
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 <212> DNA  
 <213> Homo sapiens

<400> 10543  
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 gtttaacctt ttggcctcaa aaatattggg cagttgcatt acctgtctac ctccttattg 240  
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 tccatccata caatcacaga taactatgca aaaaatcaac agcagaagaa ataccaagag 360  
 gaggccattc cagccttaag agatatttct attagtgaag taaaccaa atgttctttctt 420  
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<210> 10544  
 <211> 227  
 <212> DNA  
 <213> Homo sapiens

<400> 10544  
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 garaggatst ggggcagagt garggtrtg gctagtgggc actgctaggg aaggnracat 180  
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<210> 10545  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 10545  
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 aatcctagtg cattcctttg atgagaaaac aaggaagatt tcctttcgta ttatgatctt 180  
 gttcactttc tgtaattttc tgtaagctc catttgccag tttaaggaag gaaacactat 240

ctggaaaagt accttattga tagtggaatt atatattttt actctatggt tctctacatg 300  
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<210> 10546  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 10546  
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 ctaaaaatat ttttgagcat cactgaactt gagcaagcca ggagctctgg tcagctcatt 180  
 gctgcagtct tctgctcat ggttttgaga tggtttcaaa atcagatgag atttctaacc 240  
 aacttctttc actgccagtt aactttcagc cttggccatt gccttggggg tgttggnagg 300  
 ggccagaata ttctcaccta ttttgggaag gcatgcaacc aaccctaaat tacttttttt 360  
 tttccttaaa gggacgtggg cctcaaaaca 389

<210> 10547  
 <211> 238  
 <212> DNA  
 <213> Homo sapiens

<400> 10547  
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 ttcttttttg gtttatctca gagtgaaaac tacttctttt tccaaactgg gagagagata 120  
 catgtttcac cacaagggca gccaggcaag ggggcacctt tactctcaca catctaggag 180  
 gtgttttagt ctaggctcta ttgctaaggg gccaaataaaa atattttttt ctactggg 238

<210> 10548  
 <211> 459  
 <212> DNA  
 <213> Homo sapiens

<400> 10548  
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 gagggagaga gagagaaaga agagcaggaa agatcccgaaggagggaaga ggtggcgaaa 180  
 aatcaactgc cctgctggat ttgtctttct cagcaccttg gcgaacttgg gtttctttct 240  
 taaaggactg attttttagaa ctccacattt gaggatcaca gtcaccttct atatagcacc 300  
 atccccagga tgcaggagcc ggggcagatt gtggagacct acacggagga ggatcctgag 360  
 ggagccatgt ctgtagtctc tgtggagacc tcagatgatg ggaccactcg gcgcacagag 420  
 accacggtca agaaagtagt gaagactgtg acaacacgg 459

<210> 10549  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 10549  
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 gagggagaga gagagaaaga agagcaggaa agatcccgaaggagggaaga ggtggcgaaa 180  
 aatcaactgc cctgctggat ttgtctttct cagcaccttg gcgaacttgg gtttctttct 240  
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aaggaaacag tgtgaagtga gggggtctct ctccctcctt ctcttctctc tgtgattcac 360  
cttccttttt accc 374

<210> 10550  
<211> 392  
<212> DNA  
<213> Homo sapiens

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gagggagaga gagagaaaga agagcaggaa agatcccgaa aggaggaaga ggtggcgaaa 180  
aatcaactgc cctgctggat ttgtctttct cagcaccttg gcgaacttgg gtttctttct 240  
taaaggactg atttttagaa ctccacattt gaggtgtgtg gcttttgaag aaaatgtatg 300  
tactgacggg aaaaggagga taagcaagtc gaatttttgc cttacggtaa ccggagggaa 360  
ttaaaaaacg ggagagtctg ttatgctgat ga 392

<210> 10551  
<211> 530  
<212> DNA  
<213> Homo sapiens

<400> 10551  
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gcctttggct ggggtgcaact tccatttttag gtgttgatc tgaggggggaa aaaaaagaga 120  
gagggagaga gagagaaaga agagcaggaa agatcccgaa aggaggaaga ggtggcgaaa 180  
aatcarctgc cctgctggat ttgtctttct cagcaccttg gcgaacttgg gtttctttct 240  
taaaggactg atttttagaa ctccacattt gagaacggcc ggtttgtggg cgatgctgac 300  
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<212> DNA  
<213> Homo sapiens

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gagggagaga gagagaaaga agagcaggaa agatcccgaa aggaggaaga ggtggcgaaa 180  
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taaaggactg atttttagaa ctccacattt gagctctctc cttcctgctt cctccttgct 300  
gtggtggctg ggtgctttct tccatgattt tttgaatcta gactgggctg ttctctgtgt 360  
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ttctccttcc tctgtgattc accttccttt ttaccc 456

<210> 10553  
<211> 413  
<212> DNA  
<213> Homo sapiens

<400> 10553

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 agctgggatt acagattatt gaataataaa atacagtttt gaaaaaaatg gatgaagaac 180  
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 atgaatctgg atcacttaaa gctacaatag aagacattct attcaaggca aagagaaaaa 300  
 gagtatttga gcaccatgga caagttcgac ttggaatgat gcgccacctt tatgtggtag 360  
 tagatggatc aagaacaatg gaagaccaag atttaaagcc taaatagact gac 413

<210> 10554  
 <211> 259  
 <212> DNA  
 <213> Homo sapiens

<400> 10554  
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 ctacagatat aagtgcataa tcattcatat aaacatctgg taggtattct gtaaaactgt 120  
 gtttmcttta gtgcatgtta ttgtcatgtt atgatgtgac tggggtgttt ctttgtcatg 180  
 aaactttgct tcttcacaga attagaatac tgctctctct atattgaact acatatacag 240  
 cgttttcttg tatcagccc 259

<210> 10555  
 <211> 281  
 <212> DNA  
 <213> Homo sapiens

<400> 10555  
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 ctttcccgaa tctcagaatg cctgttaaaa gatcactgaa gttggatgrt ctgttagaag 120  
 aaaattcggt tgatccttca aaaatcacaa ggaagaaaag tgttataact tattctccaa 180  
 caactggaac ttgtcaaatg agtctatttg cttctccac aagttctgaa gagcaaaagc 240  
 acagaaatgg actatcaaat gaaaagagaa aaaattgaat c 281

<210> 10556  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<400> 10556  
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 ctasrsatta atctacttat ctggaatcac tttgcctcta aaggccagag aaaaatcaca 120  
 gcttccttgt cggaggggaa aaggacaggt gatctgggga aaacgcagct acacctggag 180  
 caagggtctt tcccggcttg gcaatctcag ctgtgccggc gctacgggac cckagccgtc 240  
 ccagaaacca aagggcaggc acggcagcaa acgcctgagt gctgctgcct tcggtgacta 300  
 tatgagaatg gaaacttcta aggaagccag gttgttagaa ttgttacctt ctttactcag 360  
 agataacata gattatccag gctgagatgg aaaacaagcn ctttattgaa ttttcaacac 420  
 agactc 426

<210> 10557  
 <211> 495  
 <212> DNA  
 <213> Homo sapiens

<400> 10557  
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gctgggaggt ctggtagggc tgagcttgca agaggatcaa catgcctttg gctagagatt 120  
 tactacatcc gtccttggaa gaggaaaaga aaaaacataa aaagaaacgc ctagtataaa 180  
 gtccaaattc ttactttatg gatgtaaaat gtccagggtg ctacaagatc accacggttt 240  
 tcagccatgc tcagacagtg gttcctttgtg taggttggtc aacagtgttg tgccagccta 300  
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 tcaaacagct tcctgaattt taattttgtg ttgtctcaca gaaagcctta tcataaattc 420  
 sataattcta attaatctac caagataatg taattacatt tggttttgta aggtatacag 480  
 cagtaattctc ctatt 495

<210> 10558

<211> 351

<212> DNA

<213> Homo sapiens

<400> 10558  
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 ttagccatgc acaaacggta gttttgtgtg ttggctgctc cactgtcctc tgccagccta 240  
 caggaggaaa agcaaggctt acagaaggat gttccttcag gaggaagcag cactaaaagc 300  
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<210> 10559

<211> 346

<212> DNA

<213> Homo sapiens

<400> 10559  
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 ggtaaacaaa aaataaaatt aaaaaagatg aggtctgata ggggagcagc cggataagaa 240  
 aatcaaaaaa ggaacwgtaa tttaaagttt attccatcaa atacgatgag gggctctttc 300  
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<210> 10560

<211> 653

<212> DNA

<213> Homo sapiens

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 gccacatagc agaactttaa aagtgtcat cattggaaaa cgttcttcgg ggcgaaaact 240  
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 cgcgccctgt agcggcgcat taagcgcggc ggggtgtggtg gttacgcgca gtganccgct 600  
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<210> 10561

<211> 232  
 <212> DNA  
 <213> Homo sapiens

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 gccccgcaat aagtgttaca gcaaccagag ggaaggtagg aggaaggga gaggaagaag 180  
 gttggtcagc acaagtgtga ggagagaaaa aaaggcattc atggctgtct ac 232

<210> 10562  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

<400> 10562  
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 aaaaataaaa ttaaaaaaga tgaggtctga tagggagca gccggataag aaaatcaaaa 480  
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 atctacagtg ctactcctt tagtctcatt tttaatct 578

<210> 10563  
 <211> 583  
 <212> DNA  
 <213> Homo sapiens

<400> 10563  
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 tctacttca tggatgtgaa atgcccagga tgctataaaa tcaccacggt ctttagccat 420  
 gcacaaacgg tagttttgtg tgttggctgc tccactgtcc tctgccagcc tacaggagga 480  
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 ctgcatgaca gagcgagact ccatctcaaa aaaaaagaaa aaa 583

<210> 10564  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens

<400> 10564  
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 atcagaactg aggtagctta gagatgtagc gatgtaagtg tcgatgtttt tttaaaaaaa 180  
 aatgcaaaaa attctnatgg cggagtcttt tgkygttta ttttagtagc tgatgctggc 240

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<210> 10565  
<211> 405  
<212> DNA  
<213> Homo sapiens

<400> 10565						60
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agtgatcaga	tgggcttaag	agattttttt	tttgtttcaa	taacttgaat	tgaagctcaa	240
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actttcatca	tttttttctc	tckgtccttt	tgcaattcat	yctgtagggg	ttctttgact	405
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<210> 10566  
<211> 224  
<212> DNA  
<213> Homo sapiens

<400> 10566						60
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gcaggccgtc	tgactagcta	ggcggtcggg	agcgttttcg	tggcggggaa	cggaggttga	180
attgccctgc	ctgggctcat	agggaaaggag	gatgtgaagg	agcttgtaga	ggcagaggaa	224
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<210> 10567  
<211> 439  
<212> DNA  
<213> Homo sapiens

<400> 10567						60
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cttaaatttt	caaaggaacc	ttggaagtct	atcactctaa	atgaaagtct	gtcactctac	240
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aggaaaaatg	aagagagttt	ctagtttaat	gggttaaatt	tttgttgttg	caatagtaag	360
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gattactttg	ttaaaagcaa	aagtggctcg	gtgatatgct	aatgttaat	tactgatttt	439
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<210> 10568  
<211> 412  
<212> DNA  
<213> Homo sapiens

<400> 10568						60
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tgctgatgtc	atgaagcttc	cataaaaatc	caagaggaca	gagttcaggg	agcttggtga	360
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cgctcttcc cccatacctc gccctaagcg tctccttacc tgtatccttt gc

412

<210> 10569  
<211> 438  
<212> DNA  
<213> Homo sapiens

<400> 10569  
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ttgactaaaa tctcaaaagg agttcatgcc ttattccatc tacaatcacc ttgttaccag 360  
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<210> 10570  
<211> 388  
<212> DNA  
<213> Homo sapiens

<400> 10570  
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gactaatcat cctgattcag caagtgaagt gtcaccactg actaaagaag agaaaactgc 180  
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tctaacagag aagagcttaa ttccggagaa atttaggaag atgtcttgtt aacccttgat 300  
gtctagagat tgggggctgg tgaagggggt ttggcttcaa tgactggata atgatattctt 360  
tcattagaga gattataaga agaagggc 388

<210> 10571  
<211> 434  
<212> DNA  
<213> Homo sapiens

<400> 10571  
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aggatctcag atgtaaaatt atgtatttgg tttgagatgg ccacttattg tcttataaaa 180  
tccatactga tatatgcagt cattttgaat tggacagtgc cttctctttt tttttctcct 240  
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tcatagagat agagaaagat ctaaaaagtt gagactactc aatccagtta acaacagcag 360  
gagcactaga gtttgttcat ttattctctc tgtaaaacaa gctgtgcttt ttttcttctg 420  
cctttaaaat gcc 434

<210> 10572  
<211> 237  
<212> DNA  
<213> Homo sapiens

<400> 10572  
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ctgagaaata ttatgtctgt agtagataaa tattagttgt gcattttaat ttaattctcc 120

tttttccatt ttgtctcatg aagtacctta ttgcaaaaat cccactgagt aatagctcat 180  
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<210> 10573  
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 <212> DNA  
 <213> Homo sapiens

<400> 10573  
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 aatataatatt acttgagag gattgaggaa actgccctca agaaaggcct ctymactcag 120  
 gccatctggc gccgactctg ggatgaactg atgaagacaa ggccttcag tttggaaagt 180  
 gtgacatggt ggcgagccaa gtttatggag gcctttttt cccatgttct acgt 234

<210> 10574  
 <211> 414  
 <212> DNA  
 <213> Homo sapiens

<400> 10574  
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 cagtcgatca cgaccctctc acgtggaccc ccttagagtt gttagccctt aaaagggaca 120  
 gamsttgagc acctgaggag ctcagatttt aagacgctag gctgctgatg ctcccagctg 180  
 attaaaagcca ctcccttcac tatctcgggtg tctcctgtcc gcggtcgtc ctgctacatt 240  
 tcttggttcc ctgaccggca agcgagaatg caggctcaac agtaccagca gcagcgtcgn 300  
 aaatttgcag ctgccttctg gcatnathtt catactggca gctgtggata ctgctgaagc 360  
 agggaagaaa gagaaaccag araaaaaagt gaagaagtct gactgtggag aatg 414

<210> 10575  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 10575  
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 gatcgccac tacattctgg gtgacacgct gggggtcggc accttcggca aagtgaaggt 120  
 tggcaaacat gaattgactg ggcataaagt agctgtgaag atactcaatc gacagaagat 180  
 tcggagcctt gatgtggtag gaaaaatccg cagagaaatt cagaacctca agcttttcag 240  
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 gatggaatat gtctcaggag gagagctatt tgattatanc tgtaagaatg gaaggctgga 360  
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<210> 10576  
 <211> 378  
 <212> DNA  
 <213> Homo sapiens

<400> 10576  
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 agcagaagca cgacgggagg gtgaagatcg gacactacgt gctgggagac acgctgggag 120  
 tcggcacctt cggcaaaagt aagattggag aacatcaatt aacaggscat naarktggca 180  
 gnttaaaatc ttaaaatagr cagaagattc gcagtttaga tgttgttgga aaaataaaac 240  
 gagaaattca aaatctaaaa ctctttcgtc atcctcatat tatcaaacta taccaggtga 300  
 tcagcactcc aacagatttt tttatggtaa tggaatatgt gtctggaggt gaattatttg 360

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<210> 10577

<211> 423

<212> DNA

<213> Homo sapiens

<400> 10577

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acactcaa	tattgccaac	gatcgtgggc	atctactgcc	ttctgtgccc	cggtccaagg	180
caaatccttg	gggttccttc	atgggcacct	ggcmaatgcc	tctgaagaac	cccctgctcg	240
ggtgrmcctg	acctcccgt	maactgctgg	tgctgcctcc	ctcaccaaat	ggatacagaa	300
aaatcctgat	tactcaaggc	ctccaatggg	ctgtgtcctg	aaatcttagg	caagccccat	360
gatccagaca	gtcagaagaa	actcagaaa	aagtctatca	cnaaagactg	tacacaagca	420
cga						423

<210> 10578

<211> 93

<212> DNA

<213> Homo sapiens

<400> 10578

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<210> 10579

<211> 331

<212> DNA

<213> Homo sapiens

<400> 10579

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ttccaatgat	tagacgaatt	gattctttct	gtgactcatc	agttcctttc	ctgtaaaatt	180
catgtcttgc	tggtgatttg	tgaataagaa	ccagagcttg	tagaaaccac	tttaatcata	240
tccaggagtt	tgcaagaaac	aggtgcttaa	cactaattca	cctcctgaac	aagaaaaatg	300
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<210> 10580

<211> 347

<212> DNA

<213> Homo sapiens

<400> 10580

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ctctattctt	tatagttcga	gccatagctt	gtttcctatt	aatgcttttc	ctgtctagtt	120
gtgttttact	taactgccta	taaaaatcgt	aagagtaatt	tttttcagtt	gatgtactga	180
ttgagcttga	gttgctgtta	tacagcattt	gacaggaact	ataccttgga	aaatcagatt	240
gtgattctca	gttctgtgtt	gcttttggtt	tgaagagttt	tggaacggtt	ttaattatta	300
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<210> 10581

<211> 148



<212> DNA  
<213> Homo sapiens

<400> 10581  
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ttcgtgcaac ttccccaaat gtgggaagct cgactgcata atttgtggtg gtgggagact 120  
gcgttcgctc ttttccccg tttttttt 148

<210> 10582  
<211> 176  
<212> DNA  
<213> Homo sapiens

<400> 10582  
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gaaaaatcta acctagagtc cctctccac tccctccatc tcaaactcaa ttaaaaaaar 120  
raaaaacaga tccatccagt gtgccacagt gagatacaca tcagtaatca tgtaca 176

<210> 10583  
<211> 575  
<212> DNA  
<213> Homo sapiens

<400> 10583  
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atcaattttg ggggtgaagc gggggaaaga acctcgccag tgagaccag acgggtttca 180  
ttcaagggtc cttcaacgt ttttccttag tctttggaaa gaactagtaa tgaaggaatc 240  
gcagaagatg ggggtttggc tttttaaata tgcgatccaa gcggcagggg agggactaaa 300  
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agagtgtcta atcctgcagt catggcgag gaagaggaag atgttagaga ttacaatttg 480  
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gagtagkwgg cttacttctc tctttacatg taagc 575

<210> 10584  
<211> 626  
<212> DNA  
<213> Homo sapiens

<400> 10584  
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aagcttacga ccctttcaga gtactgagat gaaaaatcta gaatgccttc ggggtctagt 120  
atcaattttg ggggtgaagc gggggaaaga acctcgccag tgagaccag acgggtttca 180  
ttcaagggtc cttcaacgt ttttccttag tctttggaaa gaactagtaa tgaaggaatc 240  
gcagaagatg ggggtttggc tttttaaata tgcgatccaa gcggcagggg agggactaaa 300  
gtagggtcaac agccaactcc gagaaaggag tgtggtcctt taagggtgtg cgccaagggg 360  
cggagtctag agcgggaagta gtaactccg gccgaagtcc ggtggatgaa gggcggaagt 420  
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actgaagaac agaaggcgat caaggccaag tatccgccag tcaataggaa gtacgagtgt 540  
aacagaagtc aaagcaataa catattcagc aatgcaggtc tataatgaag agaaccggga 600  
agtttttgtg atcattgaca ttttaag 626

<210> 10585

<211> 556  
 <212> DNA  
 <213> Homo sapiens

<400> 10585						60
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atcaattttg	ggggtgaagc	gggggaaaga	acctcgccag	tgagaccag	acgggtttca	240
ttcaaggtgc	ccttcaacgt	ttttccttag	tctttggaaa	gaactagtaa	tgaaggaatc	300
gcagaagatg	gggttttggc	tttttaaata	tgcatccaa	gcggcagggt	agggactaaa	360
gtaggtcaac	agccaactcc	gagaaaggag	tgtggtcctt	taagggtgtg	cgccaagggg	420
cggagtctag	agcggaagta	gtaactccgg	gccgaagtcc	ggtggatgaa	gggcggaagt	480
agagtgtcta	atcctgcagt	catggcgag	gaagaggaag	atgttagaga	ttacaatttg	540
actgaagaac	agaaggcgat	caaggccaag	tatccgccag	tcaataggra	gtacgagtgt	556
gagttacacg	catggg					

<210> 10586  
 <211> 580  
 <212> DNA  
 <213> Homo sapiens

<400> 10586						60
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aagcttacga	ccctttcaga	gtactgagat	gaaaaatcta	gaatgccttc	gggtctagtt	180
atcaattttg	ggggtgaagc	gggggaaaga	acctcgccag	tgagaccag	acgggtttca	240
ttcaaggtgc	ccttcaacgt	ttttccttag	tctttggaaa	gaactagtaa	tgaaggaatc	300
gcagaagatg	gggttttggc	tttttaaata	tgcatccaa	gcggcagggt	agggactaaa	360
gtaggtcaac	agccaactcc	gagaaaggag	tgtggtcctt	taagggtgtg	cgccaagggg	420
cggagtctag	agcggaagta	gtaactccgg	gccgaagtcc	ggtggatgaa	gggcggaagt	480
agagtgtcta	atcctgcagt	catggcgag	gaagaggaag	atgttagaga	ttacaatttg	540
actgaagaac	agaaggcgat	caaggcccaa	gtatccgcc	gtcaatagga	agtacgagta	580
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<210> 10587  
 <211> 617  
 <212> DNA  
 <213> Homo sapiens

<400> 10587						60
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atcaattttg	ggggtgaagc	gggggaaaga	acctcgccag	tgagaccag	acgggtttca	240
ttcaaggtgc	ccttcaacgt	ttttccttag	tctttggaaa	gaactagtaa	tgaaggaatc	300
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gtaggtcaac	agccaactcc	gagaaaggag	tgtggtcctt	taagggtgtg	cgccaagggg	420
cggagtctag	agcggaagta	gtaactccgg	gccgaagtcc	ggtggatgaa	gggcggaagt	480
agagtgtcta	atcctgcagt	catggcgag	gaagaggaag	atgttagaga	ttacaatttg	540
actgaagaac	agaaggcgat	caaggccaag	tatccgccag	tcaataggaa	gtacgagtgt	600
gaatttggat	catacagcag	atgtccatgg	attgtattac	acagagcatg	aataacttc	617
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<210> 10588  
 <211> 688  
 <212> DNA

004220 " 666CT560

<213> Homo sapiens

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atcaattttg ggggtgaagc gggggaaaga acctcgccag tgagaccag acgggtttca 180  
ttcaagggtgc cttcaacgt ttttccttag tctttggaaa gaactagtaa tgaaggaatc 240  
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cggagtctag agcggaagta gtaactccgg gccgaagtcc ggtggatgaa gggcggaagt 420  
agagtgtcta atcctgcagt catggcgagc gaagaggaag atgttagaga ttacaatttg 480  
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ttggatcata cagcagatgt ccagtgggga gaagaatttt cattgtccaa gcaccctcag 600  
ggaacagaag tcaaagcaat aacatattca gcaatgcagg tctataatga agagaacccg 660  
gaagtttttg tgatcattga catttaag 688

<210> 10589

<211> 741

<212> DNA

<213> Homo sapiens

<400> 10589  
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atcaattttg ggggtgaagc gggggaaaga acctcgccag tgagaccag acgggtttca 180  
ttcaagggtgc cttcaacgt ttttccttag tctttggaaa gaactagtaa tgaaggaatc 240  
gcagaagatg gggttttggc tttttaaaata tgcgatccaa gcggcagggg agggactaaa 300  
gtagggtcaac agccaactcc gagaaaggag tgtggtcctt taagggtgtg cgccaagggg 360  
cggagtctag agcggaagta gtaactccgg gccgaagtcc ggtggatgaa gggcggaagt 420  
agagtgtcta atcctgcagt catggcgagc gaagaggaag atgttagaga ttacaatttg 480  
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ttggatcata cagcagatgt ccagaagtga aagtacttag cattgatcaa agaaatttca 600  
aattacgac aattgggtgg ggagaagaat tttcattgtc caagcaccct cagggaacag 660  
aagtcaaagc aataacatat tcagcaatgc aggtctataa tgaagagaac ccggaagttt 720  
ttgtgatcat tgacatttaa g 741

<210> 10590

<211> 342

<212> DNA

<213> Homo sapiens

<400> 10590  
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cactagagca gactacgagt ctgaggcgga gggagtaatg gcaggacaag cgtttagaaa 120  
gtttcttcca ctctttgacc gagtattggg tgaaaggagt gctgctgaaa ctgtaaccaa 180  
aggaggcatt atgcttccag aaaaatctca aggaaaagta ttgcaagcaa cagtgtcgc 240  
tgttggatcg ggttctaaag gaaaggtaaa tgggagctgc agtggaacta ttttttatag 300  
tgtgcaagtgg agggaaaaga agtaattctg gagtattaaa ag 342

<210> 10591

<211> 412

<212> DNA

<213> Homo sapiens

<400> 10591  
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 gtattgcaag caacagtagt cgctgttgga tccgggttcta aaggaaaggg tggagagatt 240  
 caaccagtta gcgtgaaagt tggagataaa gttcttctcc cagaacatgg aggcaccaa 300  
 gtagttctag atgacaagga ttatttccta tttagagatg gtgacattct tggaaagtac 360  
 gtagactgaa ataagtcact attgaaatgg catcaacatg atgctgcca tt 412

<210> 10592  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

<400> 10592  
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 tcattctgaa caaaagggat tagagaagaa aaatctcttg atataaggct tgaaagcaag 120  
 ggcaggcaat cttggttggt aatattttct gatttttcca gaaatcaagc agaagattga 180  
 gctgctgatg tcagttaact ctgagaagtc gtcctcttca gaaaggccgg agcctcaaca 240  
 gaaagctcct ttagttcctc ctctccacc gccaccacca ccaccaccgc cacttttgcc 300  
 agaccccaya yccccgwwac cagacg 326

<210> 10593  
 <211> 219  
 <212> DNA  
 <213> Homo sapiens

<400> 10593  
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 ctgaaccgag cggccgaacc ctccggtgtc ccgaccagg ctaagcttga gcatggctga 120  
 gcaggagccc acagccgagc agctggcccg gtgatggcca cgccctcacc atgtccctgg 180  
 cagaggggctt ccctccggga tccctgcct ggtgcccac 219

<210> 10594  
 <211> 725  
 <212> DNA  
 <213> Homo sapiens

<400> 10594  
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 tataatgcag tttgttcagg aaatcagcac aaagcctgat agtactttac taaaatgact 120  
 gcattctttg gattccttca gtctatggtt caagtcacta aagattcatt tttgttgagt 180  
 ccttatgaga aacagcagta tgaatcttga cggtttctgc ccgtcctaatt ggcagagctc 240  
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 cagtcactc cacttaaat gatgacacaa gcagctaata accatttctg ggtttctgcc 420  
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 tcattgatat acagccacta tttatttttg atcagtggcc tttgggccac tgttcagggg 660  
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<210> 10595

<211> 227  
<212> DNA  
<213> Homo sapiens

<400> 10595  
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ggagctgctg gctgagaaaa tggctgttga tgggtgggtgt ggggacactg gagactggga 120  
aggtcgctgg aaccatgtaa agaagttcct cgagcgatct ggacccttca cacaccctga 180  
tttcgaaccg agcactgaag tsagaaacgk twatytttaa ataactg 227

<210> 10596  
<211> 256  
<212> DNA  
<213> Homo sapiens

<400> 10596  
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cgagcagcca ctgacgctc caccaccatc ttttgcattg gcaacatttg cagccggaca 120  
gaaaacctct ccaggggcta tggagactgc gggaaaaatc tggcggctcg cgatggattg 180  
ctaaggagaa ctagtataa tcttaaacca ccgaaacctc tttccttttt tttctttctt 240  
ttctttcttt cttttt 256

<210> 10597  
<211> 194  
<212> DNA  
<213> Homo sapiens

<400> 10597  
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agtgatggcg taaacctgga agccagagaa tatcatctaa atattgacat ttcaagaaac 180  
cgatgtataa ggaa 194

<210> 10598  
<211> 249  
<212> DNA  
<213> Homo sapiens

<400> 10598  
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gttttaarga agawtgaagg aaaggcaatt tgggttttca gataccagga tttattgtga 180  
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agagcagag 249

<210> 10599  
<211> 507  
<212> DNA  
<213> Homo sapiens

<400> 10599  
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tttcttacca agtgcatgta tatgtgaagt agaattgaatt gcagaggaaa gttttatgaa 120  
tatggatgat agttagtaaa agtggccact attgggctta ttctctgctc tatagttgtg 180

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 gcaggatact gcaaagaaca tggkttawtt taaaaattta taaacaagtc acttaaatgc 360  
 cagttgtctg aaaaatctta taaggtttta cccttgatac ggaatttaac aggtagggag 420  
 tgtttagtgg acaatagtgt aggttatgga tggaggtgtc ggtactaaat tgaataacga 480  
 gtaaataatc ttacttgggt agagatg 507

<210> 10600  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 10600  
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 aaaatacaac ttgggctgat atcgaagcta tggtaaaagt ttcatttgat ctgaatacta 240  
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<212> DNA  
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<212> DNA  
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<213> Homo sapiens

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<210> 10610  
 <211> 353  
 <212> DNA  
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<210> 10611  
 <211> 248  
 <212> DNA  
 <213> Homo sapiens

<400> 10611  
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 tatkctagta aaatattcta gtggaaaaata atattccata cagggggaat attatgtgca 180  
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<210> 10612



<211> 382  
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 gtgaggacac agcaagaagg tggccatctg cgagtcattg 339

<210> 10615  
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 <212> DNA

004220" 66667560

<213> Homo sapiens

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gaagttactc taggtat 437

<210> 10617

<211> 507

<212> DNA

<213> Homo sapiens

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ggagtttgac cttaattgaa atggcgatat tgatatcatg tccctgaaac gaatgctgga 180  
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<210> 10618

<211> 174

<212> DNA

<213> Homo sapiens

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<210> 10619

<211> 250

<212> DNA

<213> Homo sapiens

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<210> 10620

<211> 424

<212> DNA

<213> Homo sapiens

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 <212> DNA  
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 <212> DNA  
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aggcgactga tttgcaaacg gatctgtgat tataaaagct tcgatgatga agaatacagtg 240  
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<210> 10629  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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 <213> Homo sapiens

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004220" 666CT560

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<210> 10633  
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acatttatag	ttctatgacc	tgagaatttg	tgakccttct	tgcccacatt	ttgaggtttc	300
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gccttaatct	caccgctttg	ggaaaccaag	gtgggaggat	cgtttgaggc	caggagctgg	300
agaccagcct	gggtaacata	gcaagaccct	gtctataaaa	aattgttttt	ttgccgggtg	333
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<400> 10636						60
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ttatttaatc	tgaatggtaa	gcaagaactt	tttctatata	cccttctgct	gcagcagaca	240
actaaactgg	taggtggcag	cagagggaag	aattcttcag	attgatggct	actgacttaa	300
agtctgcata	ggagaagaga	tagagcatga	cataccaagt	gaagcaaggg	ggacaaaaat	360
ggaaacagga	ctaagattcc	tgcattttga	ctctaaatgg	ttcttttgaa	gtaaccagtg	

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gagctataaa gtaatacaga aaggacaggt gctcccatct atgattaagt gcac 174

<210> 10638  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 10638  
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tcctgacacc ttgtgatttg cctacaacaa agaataaaaa tcatccaaat aagaagcaaa 180  
cttccctgac ttttgttctt ccaatagaac agacagcttt tactgatata aattttaaaa 240  
atggaaatta agggctactt atttcttctc atttcttttt gagggaaaaa aatcatgcct 300  
caaattggta atgggtag 318

<210> 10639  
<211> 276  
<212> DNA  
<213> Homo sapiens

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gaactctacg aatataaggc ttgggaactt tttagaaatg aagttttgtt ttgcatgtgc 180  
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<210> 10640  
<211> 420  
<212> DNA  
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<400> 10640  
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taaccatata ctgtgcaatg gaataataat atcacaaagt tgtttaacta gactgcgtgt 360  
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<210> 10641  
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<212> DNA  
<213> Homo sapiens

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agaatgtcta ctgtttgcta cctagaaatc tttccattc ctctttcata cattccaacc 180  
cactggaagt ctttagaggt attttgattt aaagtatact taaattagga tttcttaaag 240  
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aatcattcat ttggagaaga ggcattgacct ttgtatttca ctaagttaa agcaagagca 360  
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tcggagaagt gaaatataac attactcagt ggacggagaa gtctgttttg ttacagagac 540  
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caagttkggt gtct 614

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<211> 469  
<212> DNA  
<213> Homo sapiens

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ctaattctat ggtttctgaa aatgtgatac agtctacagc agtaacaacc gtatcttctg 420  
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<210> 10643  
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<212> DNA  
<213> Homo sapiens

<400> 10643  
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tagcctaatt ctgacacatg gctcctgttt tmsattttgt ttgttttttt atgctgatcc 180  
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aatgcaga 249

<210> 10644  
<211> 193  
<212> DNA  
<213> Homo sapiens

<400> 10644  
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gtttgaaact atgagggtat atggattttg gaaaaatggc acatacgtaa gaatgactgg 180  
agaataagta ggg 193



<210> 10645  
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 <213> Homo sapiens

<400> 10645  
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 atcaaaagct caggactgaa cttaatatatt aatcagggtta aattctgaac atgtttctgt 240  
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<210> 10646  
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<210> 10647  
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 aaaccgccc cctgcagttc cttctccggg atggacgtgg ggcccagctc cctgccccac 180  
 cttggggctg aagctgctgc tgcctctgct gctgctgccc ctcagggggc aagcbaacac 240  
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<210> 10648  
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 <212> DNA  
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<210> 10649  
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<212> DNA  
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<400> 10649  
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tgcgagtggt acttttgaat cagctgtgca agagaatatc agcattaatg ggcaagcatg 300  
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<210> 10650  
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<212> DNA  
<213> Homo sapiens

<400> 10650  
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tatggggaga ttgaagagat gaatgtgtgc gacaaccttg gggaccacct cgtgggcaac 120  
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<210> 10651  
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agccgacatt cagccagggt agaccggca cggagcctcg ggggttaacg gctccctggc 180  
ccttccccct ctggggccgt cgtcaccatg tcccgcctat tccgggttcc tgagtccttc 240  
cccaccgccc ggcttttttt ctcattggac ctttctgcag gctc 284

<210> 10652  
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tacggcgtcc ggcagcagcc aaatttgata ataacgaaga aaaatggctg cgctcgcttct 180  
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<210> 10653

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 ctccggcagt gattcagcat ctccggcctg gccgggctag gggttatcgg tagccagtgc 300  
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<210> 10654  
 <211> 229  
 <212> DNA  
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 cacaagggca agtttgggca cgagtttctg gagttcgaat ttccggccgga cggaagcctt 180  
 agatatgcc acaacagcaa ttacaaaaat gatgtgatga tcagaaaag 229

<210> 10655  
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<400> 10655  
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 <212> DNA  
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 ccaatgttcc ataagcgtgg caagaaaaat gggaagttct cggttaaggta tatagtatta 240  
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<210> 10657  
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 <212> DNA  
 <213> Homo sapiens

<400> 10657  
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 ccaagcagtg agattgaagg aagcttgtaa ttattgaaag gctgttgctc caggccctg 180  
 gttaggcact tttcttatct aatcctcaaa atcacctgag aaggaggtat tcttaaaacta 240  
 gttattacag gtagggaaac tgagcctcaa agtagctgca gtgacttggc agagaacatt 300  
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 <212> DNA  
 <213> Homo sapiens

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 aagtca 350

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<210> 10660  
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 <212> DNA  
 <213> Homo sapiens

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 aaattggctt tctcttaatt ggcagatggt ccagtggggc g 221

<210> 10661  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

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<210> 10662  
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 <212> DNA  
 <213> Homo sapiens

<400> 10662  
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 aagactcatg ttaaattatc t 141

<210> 10663  
 <211> 524  
 <212> DNA  
 <213> Homo sapiens

<400> 10663  
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 cattatttaa tcttgcaaaa atgggtctgt gcacttgat gtgaaatgct gtccagttt 180  
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<210> 10664  
 <211> 101  
 <212> DNA  
 <213> Homo sapiens

<400> 10664  
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<210> 10665  
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 <212> DNA  
 <213> Homo sapiens

<400> 10665  
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 aatgtaggaa aaatgtacaa aattgacttg acttctcctt ggaccaatt tagagggttt 120  
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 <212> DNA  
 <213> Homo sapiens

<400> 10666

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<210> 10667  
<211> 243  
<212> DNA  
<213> Homo sapiens

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<210> 10668  
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<212> DNA  
<213> Homo sapiens

<400> 10668  
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tggaggcaga agagcagttc cacccaataa ctctaattgca gcggaagatg acctgcccac 180  
agtggagctt cagggcggtg tgccccgggg cgtyaacctg caagagtttc ttaatgtcac 240  
gagc 244

<210> 10669  
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<212> DNA  
<213> Homo sapiens

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agac 244

<210> 10670  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
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<212> DNA  
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<210> 10682  
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 aaaaggggca gggtctgca gccgccagga cagacgagca ccccatgcct atacctccct 180  
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 <213> Homo sapiens

<400> 10683  
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<212> DNA  
<213> Homo sapiens

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gcctggacgt aagagattct catgccagca tgctttcatt tgtcagttgt tgtgactgag 180  
agataatgaa tgacacctga aatgcatatg gtatttttgg gagagttaag gtataatttg 240  
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aaggcaggaa ggaaagaaag gatataggaa gagag 335

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aagaacaaat	ctatgaactc	ttcagcaaaa	gtggtgacat	aaagaaaatc	attatgggtc	470
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tgccatgtgg	ggatgttggt	gatatggccc	tgtgtgttat	acctttgaag	gtgacactga	180
gccccagggtg	acgccgcacc	accaaagaag	gtgcttgtgt	ttgtcagaca	aatacagcca	240
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caaatactgg	ggaaagatgg	gaatctaaat	attttaaatg	aaactttcac	cctcttctact	228
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accctgcag	cacaagcccc	gcgttttaaaa	attatagacc	cgtgctcact	nagcagcaca	256
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&lt;210&gt; 10702

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10702

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&lt;210&gt; 10703

&lt;211&gt; 162

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10703

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&lt;210&gt; 10704

&lt;211&gt; 454

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10704

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tccagtgagc	tatgatccca	ccacagcatt	ccagcctgcg	agattgagat	gatgattatt	420
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&lt;210&gt; 10705

&lt;211&gt; 121

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10705

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<212> DNA

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<212> DNA

<213> Homo sapiens

<400> 10707

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<211> 255

<212> DNA

<213> Homo sapiens

<400> 10708

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<211> 477

<212> DNA

<213> Homo sapiens

<400> 10709

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aggatgcctt	tgtgaagtat	gggggtttgt	ttaatgttct	gacaacaatt	tagatcctgt	420
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<211> 301

<212> DNA

<213> Homo sapiens

<400> 10710

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<210> 10711

<211> 239

<212> DNA

<213> Homo sapiens

<400> 10711

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gagacaagtg	aaagataagt	gtgattttag	atctttcttg	tccatagttg	ttttcagtg	180
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<210> 10712

<211> 680

<212> DNA

<213> Homo sapiens

<400> 10712

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<210> 10713

<211> 320

<212> DNA

<213> Homo sapiens

<400> 10713



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<210> 10714

<211> 184

<212> DNA

<213> Homo sapiens

<400> 10714

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<210> 10715

<211> 650

<212> DNA

<213> Homo sapiens

<400> 10715

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<210> 10716

<211> 305

<212> DNA

<213> Homo sapiens

<400> 10716

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<211> 413

<212> DNA

<213> Homo sapiens

<400> 10717

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<210> 10718

<211> 98

<212> DNA

<213> Homo sapiens

<400> 10718

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<211> 360

<212> DNA

<213> Homo sapiens

<400> 10719

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<210> 10720

<211> 350

<212> DNA

<213> Homo sapiens

<400> 10720

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<210> 10721

<211> 224

<212> DNA

<213> Homo sapiens

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 gcgcagggttc gcaagcgcat aaccacgcga aaaaacaaga acaacttact cctggagtag 180  
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 acaaagtata tttttatcat ggaaaaattt caactcctca agccgtaatg ttgaacagaa 540  
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gacagttttt ttggtgattt gaattaaatt aatgaga	217

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 <212> DNA  
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&lt;210&gt; 10735

&lt;211&gt; 521

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10735

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&lt;210&gt; 10736

&lt;211&gt; 154

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10736

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&lt;210&gt; 10737

&lt;211&gt; 572

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10737

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&lt;210&gt; 10738

&lt;211&gt; 307

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10738

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<212> DNA  
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acatgagatg gcacacatat ttatgctgtc tgaagggtcac gatcatgtta ccatatcaag 300  
ctgaaaatgt caccactatc tggagatttc gacgtgtttt cctctctgaa tctgttatga 360  
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<210> 10740  
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<400> 10740  
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gaaacaaaag caaaatcgtc ccattcccca gtggattcgg atgaaaactg gaaataaaat 180  
caggtacaac tccaaaagga gacattggag aagaaccaag ctgggtctat aaggaattgc 240  
acatgagagg gcacacaata agtttctgtt gttttaagcc atctagttaa tggtaatatt 300  
tttacagtag ccctaggaaa ctcatatacc attgggtgggc cagttataca ttgataamat 360  
cttgttct 368

<210> 10741  
<211> 155  
<212> DNA  
<213> Homo sapiens

<400> 10741  
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cacaacttca gacttgacga aaaccagtga agggga 155

<210> 10742  
<211> 271  
<212> DNA  
<213> Homo sapiens

<400> 10742  
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tcaggaacta aaaggataag gctaacaatt tggaaagagc aactactctt tcttaaatca 180  
atctacaatt cacagatagg aagaggtcaa tgacctagga gtaacaatca actcaagatt 240  
cattttcatt atgttattca tgaacacccg g 271

<210> 10743  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<400> 10743  
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 agtagaaagg ctcaagttgc accaggcaga caacagacat ggaattctta tatatccagc 180  
 tgtagcaac aaaacaaaag tcaaataagca aacagcgtca cagcaactga acttactacg 240  
 aactgttttt atgaggattt atcaacagag ttatttaagg aggaatcctg tgttgttatc 300  
 aggaactaaa aggataaggc taacaatttg gaaagagcaa ctactctttc ttaaatcaat 360  
 ctacaattca cagataggaa gaggtcaatg acctaggagt aacaatcaac tcaagattca 420  
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<210> 10744  
 <211> 373  
 <212> DNA  
 <213> Homo sapiens

<400> 10744  
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 gaaatgtgca gctctccact ggaaaggaac tctccacccc tcccatcctg ataaaacaaa 180  
 caaggtttac atttacaact aaaaggattc akatgcaatt ttcaactatt ctgaaaccag 240  
 caggacacac ctgactttta tagtttttagc tgaaattgta gatgttttgc ttcagtttaa 300  
 cttatgagaa aagattatct gacggatttt gtgttgactt cccctttagt ggtttatttt 360  
 gtctttttct gcc 373

<210> 10745  
 <211> 325  
 <212> DNA  
 <213> Homo sapiens

<400> 10745  
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 tcgacgtggg tgcgacaact cgcggagtct taggagcaaa acgtctgggg cctgcgagcc 180  
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 agagcccgga accactcttt gtgcc 325

<210> 10746  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 10746  
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 agaaggactt gggattccgg agcagtcgcc cctatcgctg ctctgcagt tgcggacgcc 180  
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 ggagccagac gtgttgctgc cgtgagtaaa acgagcgccc tctccgact cgtttacaaa 300  
 ttaaaatgga ggaaatttcg ttggccaacc tggatagtaa caagctagag gccatcgctc 360



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416

<210> 10747

<211> 384

<212> DNA

<213> Homo sapiens

<400> 10747

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cagagctcta ggactcacgc accaggccag tcgcgggttt tgggccgagg cctgggttac	180
aagcagcaag tgcgcggttg gggccactgc gaggccgttt tagaaaactg tttaaaacaa	240
agagcaattg atggataaat caggaataga ttctcttgac catgtgacat ctgatgctgt	300
ggaacttgca aatcgaagtg ataactcttc tgatagcagc ttatttaaaa ctcagtgtat	360
cccttactca cctaaagggg agaa	384

<210> 10748

<211> 439

<212> DNA

<213> Homo sapiens

<400> 10748

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aagcagcaag tgcgcggttg gggccactgc gaggccgttt taggtagggt gctaagaggg	240
cgaggccgtc cgggcctggc gggcggggga ggcgttgcat atctgggggt tcccggggcc	300
ccttcgttgg tccggaggat cgagactccg aagtcggtcc gagrnggtga agggatcacg	360
gccgcancaa ctccgctgcc acgcggctgg tatgagtcac acacaaacgt ggttgtagtg	420
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<210> 10749

<211> 220

<212> DNA

<213> Homo sapiens

<400> 10749

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ccttaaaatt ttcattccaa aagcttttaa tttgaaagt tagttttgag tcaacacagt	180
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<210> 10750

<211> 383

<212> DNA

<213> Homo sapiens

<400> 10750

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gtgtctcacc ttttaactctc cttatgctgg gtgaaaacaa agagtgatag attcgtgtgg	180
cctttcaaat gattgtgaag tgggtgaaat ggatccaaaa taataagtga cttctctacc	240
aaagcataga agattcttca tatctccttc cagtggctca atttagattt tgggaaggag	300
cagaacaagt gaaacacaga aaactgaaga gaagaaatcc tcattttgga cctatatattc	360

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383

<210> 10751

<211> 265

<212> DNA

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<400> 10751

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ggg	gac	gcg	cct	cag	acg	agc	gtc	tagt	ccct	ggcc	at	agct	ccg	ccg	ctg	ccc	gtt	120
gtg	tct	cacc	ttta	act	ctc	ctt	atg	ctgg	gtg	aaaa	caa	aggt	gagg	ct	caca	aagt	tg	180
act	att	ccaa	aagt	ttac	at	aaga	atg	gggt	gcgg	tg	cggt	gtgt	gtgt	gt	ttta	atag	tt	240
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<210> 10752

<211> 338

<212> DNA

<213> Homo sapiens

<400> 10752

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gat	agatt	cg	tgt	ggc	ctt	caa	atg	attg	tga	agt	gggt	gaa	atg	gatc	caaa	ata	ata	180
agt	gact	tct	ctac	caa	agc	atag	aag	att	cttc	atat	ct	cctt	ccag	tg	gct	caat	wt	240
gath	ttg	gga	agg	agc	agaa	caag	tga	aac	acag	aaa	aact	gaag	aga	aga	aat	cct	catt	300
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<210> 10753

<211> 155

<212> DNA

<213> Homo sapiens

<400> 10753

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tccc	cat	ggg	cacc	ggag	ca	ggcg	gac	agg	gggt	gggt	cc	cgag	cgac	ac	gga	aggat	120
tct	tag	gtca	aaac	aaag	ca	ttaa	caat	ca	acgc								155

<210> 10754

<211> 217

<212> DNA

<213> Homo sapiens

<400> 10754

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cgaa	aa	caaaa	gcgg	cct	atg	agc	ggc	agg	ccc	acc	acga	gcc	gtc	atca	acag	tg	cagg	120
ctac	aaa	aatc	ctc	acg	tccg	tgg	acca	ata	cct	ggag	ctc	att	ggc	aa	act	cctt	acc	180
gacc	acg	gca	aag	tcg	ggca	gtg	cccc	atc	ctca	agt								217

<210> 10755

<211> 261

<212> DNA

<213> Homo sapiens

<400> 10755

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atatttgaac	ttacccaaaac	aaaggaggat	tacgtatatg	ttttttaaat	tcaaaaaaga	120
atatgaaatt	ataccttttag	tatccctttg	agacatatag	tttaaagaaa	acttttttta	180
aaacaaaagt	aggaatatat	agtaagattg	tagttacaat	gagtatatgc	acttttgatg	240
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<210> 10756

<211> 517

<212> DNA

<213> Homo sapiens

<400> 10756

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cctcatcttc	agatacttac	aaaatagatc	gcggattcag	gtgtggctct	atgagcaagt	180
gaatatgcgg	atagaaggct	gtatcattgg	ttttgatgag	tatatgaacc	ttgtattaga	240
tgatgcagaa	gagattcatt	ctaaaacaaa	gtcaagaaaa	caactgggtc	ggatcatgct	300
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agaaattggt	gagaaggata	cagtttggtt	ttagaygtcc	tttgtccaat	rtgaacattt	420
attcatattg	ttttgattac	acttatgttt	ttacaagatg	gcaataaatg	ctgtgggatt	480
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<210> 10757

<211> 562

<212> DNA

<213> Homo sapiens

<400> 10757

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atcctacgca	ggatgtcagg	actaggagcc	actgtggtgc	agaacctcat	cttcagatac	180
ttacaaaata	gacgcgggat	tcagggtgtg	ctctatgagc	aagtgaatat	gcggatagaa	240
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cattctaaaa	caaagtcaag	aaaacaactg	ggtcggatca	tgctaaaagg	agataatatt	360
actctgctac	aaagtgtctc	ctactagaaa	tgatcaatga	agtgagaaat	tgtkgarrar	420
ggatacagtt	tgttttttag	cgtcctttgt	ccaatatgaa	cattttattca	tattgttttg	480
attacactta	tgttttttaca	agatggcaat	aaatgctgtg	ggattgtttg	tattaaract	540
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<210> 10758

<211> 408

<212> DNA

<213> Homo sapiens

<400> 10758

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aagtattcaa	tgacgttcgg	ctactactta	ataatgacaa	tctcctcagg	gaagggggcag	180
cacagtaagt	atctttccaa	atccacttag	aatgttactc	taacattgga	taaactatgt	240
tgacagtaaa	ctagcaccct	gaaaacaaag	tttaaaatac	ttcaaagtaa	agcagttggt	300
tttagcaatt	ttcggtgttt	tttttaattg	gagaaaacat	gttcccccaa	ttgttgttta	360
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<210> 10759

<211> 283  
 <212> DNA  
 <213> Homo sapiens

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 tcacaatagg tgtggagttt ggagctcgta tggtaacat tgatggaaaa caaatcaaac 180  
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 ccactcattg caccctcaac ctccccggct caactagtcc tcc 283

<210> 10760  
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 <212> DNA  
 <213> Homo sapiens

<400> 10760  
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 gatatgatgt agaggaagggt tttttaaaaa gkttgagatt gtcctaagggt ctggggcaat 180  
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<210> 10761  
 <211> 256  
 <212> DNA  
 <213> Homo sapiens

<400> 10761  
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 tagacagtcg tacagggtac agaataattc ttcgttgtgt ggcactaacc cacacactgc 180  
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 aaaccaccaa taaccc 256

<210> 10762  
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 <212> DNA  
 <213> Homo sapiens

<400> 10762  
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 gactgggttaa gactcagagc cccagcttga aggaaacagc tgctctcggc gtgctccggc 360  
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<210> 10763  
 <211> 181

<212> DNA  
<213> Homo sapiens

<400> 10763  
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<210> 10764  
<211> 196  
<212> DNA  
<213> Homo sapiens

<400> 10764  
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<210> 10765  
<211> 122  
<212> DNA  
<213> Homo sapiens

<400> 10765  
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<210> 10766  
<211> 329  
<212> DNA  
<213> Homo sapiens

<400> 10766  
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<210> 10767  
<211> 324  
<212> DNA  
<213> Homo sapiens

<400> 10767  
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<210> 10768  
<211> 452  
<212> DNA  
<213> Homo sapiens

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<210> 10769  
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<212> DNA  
<213> Homo sapiens

<400> 10769						60
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<210> 10770  
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<212> DNA  
<213> Homo sapiens

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<210> 10771  
<211> 403  
<212> DNA  
<213> Homo sapiens

<400> 10771						60
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cggccacgtc	gcggcctggc	tggggagttg	taagacgttc	atcgccgtgt	tatccttgag	240
taaagaagcg	ggcttttgcc	atgttgtcca	ggctggtctc	tactcctggg	ctcaagcagt	300
cctcctgcct	cagtctccca	aagtgctgga	attacagggg	atgaactctg	gaagcccage	360
cagggacaat	gcaccttcac	agagattctg	cactaatctg	agtgaagggt	ctaaggtttg	403
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<210> 10772  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 10772						60
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cgggttaatt	aggccatcgg	ccctcgagcc	gagacttgct	tcttatttag	ttctggggag	240
cgcctcgctg	acatgagtga	tgtggaggaa	aacaacttcg	agggcagagt	taatgttcgt	300
gaagaaattg	aagagttttt	tccaagaatg	tggaagataa	atcaagataa	aagaggctaa	339
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<210> 10773  
 <211> 160  
 <212> DNA  
 <213> Homo sapiens

<400> 10773						60
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<210> 10774  
 <211> 209  
 <212> DNA  
 <213> Homo sapiens

<400> 10774						60
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aacaagaatg	ctatcaataa	tgggtgttcga	atatctggaa	gagggtttttg	tgtcaaaaatg	209
ttctacatta	agccaattaa	gtataaagg				

<210> 10775  
 <211> 864  
 <212> DNA  
 <213> Homo sapiens

<400> 10775						60
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cggtagacct	ggtgcaccac	caccatgttg	gctgcaaggc	tgggtgtgtct	ccggacacta	240
ccttckakgg	ttkcsacatg	cagtgcgccg	gaggaactgt	gctctttgag	gccgacgcta	300
ggggcccggg	agggaaaactg	cgaggcgaag	gtgaccgggg	accgagcatt	tcagatctgc	360
tcggtagacc	tgggtgcacca	mmcaccatgk	ttggctgmaa	nrctggwrtg	rnctccggag	420
actacattct	agggtttttc	acccagcttt	caccaaggcc	tcccctgttg	tgaagaattc	480
catcacgaag	aatcaatggc	tgtwaacacc	tagcaaggga	atatgccacn	nnnaacaaga	540
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cgagcatttc	agatctgctc	ggtagacctg	gtgcaccacc	accatgttgg	ctgcaaggct	660
ggtgtgtctc	cggacactac	cttctagggg	tttccaccca	gctttcacca	aggcctcccc	720
tgttgtgaag	aattccatca	cgaagaatca	atggctgtta	acacctagca	gggaatatgc	780
caccaaaca	agaattggga	tccggcgtgg	gagaactggc	caagaactca	aagaggcagc	840
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<211> 238
<212> DNA
<213> Homo sapiens
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<400>	10776					60
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ggaaaactag	ctgcacatat	ccttttttac	tgcagattta	ctttaaggct	catattctcc	180
aagtctattc	tgctttaaaa	agaagacaag	aaaagaagtg	gtttatcaaa	atcacggtat	238
aatcagattt	tgaccaagca	ttttgtaaga	trcmaatgtc	agccaatgac	atataaca	

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<210> 10777
<211> 593
<212> DNA
<213> Homo sapiens
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<400> 10777						60
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ccctgagcgg	ggccccattg	ccccaccccc	gaggaaggcg	aggggggggt	gcaggggggct	180
gcggaaaggg	gctggggctgg	gttgggctgt	ctgcagctct	agtccaaggag	gctgagactt	240
cgagaggggac	ttagagaagg	cagacgcac	ccgaactcgc	tggaggacaa	ggctcagctc	300
ttgccaggcc	aaattgagac	atgtctgaca	caagcgagag	tggtgcaggt	ctaactcgct	360
tccaggctga	agcttcagaa	aaggacagta	gctcgatgat	gcagactctg	ttgacagtga	420
cccagaatgt	ggaggtccca	gagacaccga	agcctcaaag	gcactggagg	tctcagagga	480
tgtgaagggtc	tcaaaagcct	ctgggggtctc	aaaggccaca	gaggtctcaa	agaccccaga	540
ggctcgggag	gcacctgcca	cccaggcctc	rtctactact	cagctgactg	ataccagggt	593
tctggcagct	gaaaacaaga	gtctagcagc	tgacaccaag	aaacagaatg	ctg	

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<210> 10778
<211> 430
<212> DNA
<213> Homo sapiens
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<400> 10778						60
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tgcaggtcta	actcgcttcc	aggctgaagc	ttcagaaaag	gacagtagct	cgatgatgca	240
gactctgttg	acagtgacct	agaatgtgga	ggtcccagag	acaccgaagc	ctcaaaggca	300
ctggaggtct	cagaggatgt	gaaggtctca	aaagcctctg	gggtctcaaa	ggccacagag	360
gtctcaaaga	ccccagaggc	tcgggaggca	cctgccaccc	aggcctcrtc	tactactcag	420
ctgactgata	cccaggttct	ggcagctgaa	aacaagagtc	tagcagctga	caccaagaaa	480
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<210> 10779
<211> 331
<212> DNA
<213> Homo sapiens
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ggccttatca agctttttctt attttgtctt caacaaagtt aaatccagca tataaaacaa 180
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gatttctaca aactgggtat cttttaata ctttgtttcc aaaggatgca aggtgttgta 240  
aaccgactgt ccaagttact gaaacctggg ggaatgctgt tatttcgaga ctatggaaga 300  
tatgataaga ctcagcttcg ttttaaaaag g 331

<210> 10780  
<211> 194  
<212> DNA  
<213> Homo sapiens

<400> 10780  
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gatacccat tctgttgta tagtaactgt cagatcgatg gttaccacaa tttacagtcc 120  
aacaagacag ttgaataggc ttccagacat taagtattgg ttcaggatca tacaggattt 180  
aagtgtcaaa taag 194

<210> 10781  
<211> 468  
<212> DNA  
<213> Homo sapiens

<400> 10781  
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agtggctgcc ttgtccttca agtgcaggag ctggttcaaa tgtcagggaat ggaagccact 180  
gtgaccatcc caatctggca aaacaagcca catggggctg ctggaagtgt agtaagaaga 240  
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attgctgcgg atgaagagga gacatatggt ggggtcagga gtgatacgcg cccctgagg 420  
cacamctgga aaccagccct ctgattgtca tgcagcgcaa tgcctctg 468

<210> 10782  
<211> 291  
<212> DNA  
<213> Homo sapiens

<400> 10782  
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attgtttctc tccctctgcc ccccttccc caygcaacc cagatccatt tacactttac 180  
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<210> 10783  
<211> 200  
<212> DNA  
<213> Homo sapiens

<400> 10783  
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tgcaggggga tccaaaacaa gccccgtgga gcagcagcca gagcaacagc agccgcaaga 120  
cattgtttct ctcctctgct ccccttccc ccacgcaacc ccagatccat ttacacttta 180  
cagagcatms tgcatcargt 200

<210> 10784

<211> 244  
 <212> DNA  
 <213> Homo sapiens

<400> 10784  
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 cattgtttct ctccctctgc ccccccttcc ccacgcaacc ccagatycat ttacacttta 180  
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 ggcc 244

<210> 10785  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<400> 10785  
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 tatcagttct gcagacccaa ggacaaagaa aattctgtga taaactcatc cagtgtgact 180  
 gtaatgatac aagacaccgg actttcaa atcaaatgt ttcaaaagac tcctactgga 240  
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 taaggaggtc attaaaggaa aacaagctgc ccaccatgct gatgcctggt tgttcagatc 360  
 gttgagggtg ttagagatg acgcacactg gtcagttta cccacatttg gatctacgga 420  
 cctgcaa 427

<210> 10786  
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 <212> DNA  
 <213> Homo sapiens

<400> 10786  
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 gtaggctggg gkcagactgt ggtgctataa atgcggggag agagattaga gaaggca 177

<210> 10787  
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 <212> DNA  
 <213> Homo sapiens

<400> 10787  
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<210> 10788  
 <211> 339  
 <212> DNA  
 <213> Homo sapiens

<400> 10788  
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aagaccagcg	agaaagaaga	ggacacctgg	gaaaggcgga	agcagaagac	ggggaaggga	180
aaagaaaccc	atagcaggtg	gaaaccagat	ctagagcaac	accgtcaggt	tcacagtttg	240
tttttctaga	agagaagaaa	gtacctgagg	attgctcttt	tttcctaccg	ttaatgaaaa	300
ctacttttgt	cttcatcata	aaagarnaaa	ctaagggga			339

<210> 10789  
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 <212> DNA  
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<400> 10789						
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atgtgccccca	ggaggagggtc	ccagtatatg	aaaacaagta	tgtgaagttt	ttcaagagta	180
aaccagagtt	gccccaggg	c				201

<210> 10790  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 10790						
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atgtgccccca	ggaggagggtc	ccagtgtacg	tgggttaggct	ttgcgtagggtg	gttttctgat	180
gggggtcccta	cagaaggata	gaatatacctt	atgcctacaa	gttcagggag	gactctccta	240
agccccaaagg	aaatggaagg	aggggcaact	atctgagaaa	ggagagaaaag	agtctgggat	300
tcagggatga	gtgagggtta	cagatcacta	gtcgcc			336

<210> 10791  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 10791						
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cccgacctc	ctccaggata	cagcactgga	gttggccacc	acctcttcta	cttgcgtgct	180
gaaaaaacac	ctgactagta	cagctgagat	cttggcttct	caacagggca	aagataccag	240
gcctgctgct	gaggtcactg	ccactttctca	catgctgctt	aaggagcac	aaataaag	298

<210> 10792  
 <211> 394  
 <212> DNA  
 <213> Homo sapiens

<400> 10792						
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tttacgtttt	actaatggta	aggggtgagg	tcatagggca	ggttttgggt	tttctagtag	180
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ttgcctcagg	atatttcttt	taaaataaag	tgttttaaga	ggcagaagg	aaatctgcta	360
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<210> 10793  
<211> 413  
<212> DNA  
<213> Homo sapiens

<400> 10793  
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<210> 10794  
<211> 140  
<212> DNA  
<213> Homo sapiens

<400> 10794  
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attacaaaat tactttgagg taattattct tggctaccaa gatcaataac aaggatgaca 120  
ccagtccaag gttgacaggc 140

<210> 10795  
<211> 427  
<212> DNA  
<213> Homo sapiens

<400> 10795  
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tatccat 427

<210> 10796  
<211> 230  
<212> DNA  
<213> Homo sapiens

<400> 10796  
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gcccagccgg agccatgccc tactgccaat aaagggaaaa taagrgatgg cyycatcsra 180  
cgaattatgc ttttaaataca tcttgacaaa ggaggatctc cttatatagc 230

<210> 10797  
<211> 398  
<212> DNA

<213> Homo sapiens

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cgctgctgcc gcgccacgtc ttccctttcc acctccctga ccctgtcgga ttccgatgag 360  
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<210> 10798

<211> 602

<212> DNA

<213> Homo sapiens

<400> 10798  
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agagactgtt tcccagaaaa accagtaccc ttgagcctta atcagcaaga aaataactct 180  
ggctcataca gtgtagaatc tgaagtttac aagcacctct ctccagaaaa caatactgct 240  
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ga 602

<210> 10799

<211> 480

<212> DNA

<213> Homo sapiens

<400> 10799  
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tctcatatct ggctgccagc tttttatctt tctctcgacc acttaaaaact tcagacttcc 180  
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gctacaacct ctagatctgc agcttgccac atcagcttaa aatctgtcat cccatgcaga 420  
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<210> 10800

<211> 159

<212> DNA

<213> Homo sapiens

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tccctgcaaa tgcagctcca tttggtatga gcaacaaggc aaatgcctaa aacaatcaac 120  
agatagaagg aaagcattaa tgctggagta ttagtagcc 159

<210> 10801  
 <211> 212  
 <212> DNA  
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<400> 10801					60
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ggccargaag	caactgactc	akgcctgtag	tctcagaact	ntgggaggct	gaggtggaga
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<210> 10802  
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 <212> DNA  
 <213> Homo sapiens

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<210> 10803  
 <211> 430  
 <212> DNA  
 <213> Homo sapiens

<400> 10803					60
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ggttgctatg	gggattatag	ttaacatcct	acacttaaaa	caatctaatt	taaactgata
ccaattttacc	ttcaatagca	tacaaaatct	ctactcctgt	aaagctctgc	ccctgcccc
tgaagaactg	cttgaacca	ggaggtggac	gttgacagtga	gcggagattg	caccactgca
ctccagccta	ggcaatagag	actcagtcct	aaaaaaataa	aaataaaaac	aaaaataaaa
aactagcagt	gtaactataa	tacatagatc	cacaaaaaat	ctgattgcta	gaatcacctt
tacactagca					430

<210> 10804  
 <211> 375  
 <212> DNA  
 <213> Homo sapiens

<400> 10804					60
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 aaacagcata ttataataat gaggaagttt gagatattgt gagamttacc agaatgtggc 240  
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<400> 10809

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ccgtcgtgta	ttcaagtaaa	acacaaagag	taacagcaaa	caccttggtt	ccccatcacc	180
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<210> 10812  
 <211> 349  
 <212> DNA  
 <213> Homo sapiens

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aaaccagcat	cgagatgtag	ttcctgagca	tgaggctccc	agcagngagt	tttcatacag	360
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gatgttttcc	ttgtcgagca	cggtgcaacc	cagggttacag	ttcctctgag	tcatctcatc	300
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cgctacgagt	cagcccatcc	atccatggct	accacttcga	cacagcctct	cgtaagaaa	240
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<210> 10817

<211> 410  
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 tggctaagggt tagaccacac agcctaaact aattccgatt ggctaattca aagagagcga 360  
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<210> 10819  
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<400> 10819  
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 caaagtgcc tggttgtctc gaaaacacca gtatgattga gtttttactt tgcagaatga 180  
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 taatctacct cactttccct gtggctatgt tctgggtttc caatcaggcc gagtggtttg 240  
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<210> 10821  
 <211> 344  
 <212> DNA  
 <213> Homo sapiens

<400> 10821  
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<210> 10822  
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cgatgagagc gggactgagc aactgccggg cgatgctgtc gctgccgccg tgatacggag 180  
agcaacagtt cacactcccc ccagccttca cctggccatg aaggacctt tgaccaac 238

<210> 10823  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
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<210> 10830  
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 <212> DNA  
 <213> Homo sapiens

<400> 10830  
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 <212> DNA  
 <213> Homo sapiens

<400> 10831  
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<210> 10832  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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343

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acctgaccag	ctaaatggat	aaacctagcc	tgcatagctt	ttaaactggg	gtctcataca	240
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<213> Homo sapiens
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 accagtacct ccaagtgttc agaagatgtg tgaccagaca aaacacagta aatgctgccc 180  
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<210> 10840  
 <211> 290  
 <212> DNA  
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 aacagcccca agccagacta aattgatagc cataagtatt ggatagtga atcacaggaa 180  
 tcctttttgt gattgggtcca tttggaatat cttaccctcc ctgatgtttt ggggggtttt 240  
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 <213> Homo sapiens

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 atgttaaaac agacatcagc caactggaaa cacagactct ctgtgacaat aagaaaccaa 180

attacaaaca agacctaagg ccatgcaagg caagagggtga ctcccacgac cagtgcgggt 240  
cacagcacag gc 252

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<212> DNA  
<213> Homo sapiens

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gcaggaaaac agatcct 437

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<212> DNA  
<213> Homo sapiens

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gtcgagatgt cagagaaaaa gcagccggta gacttaggtc tgtagagga agacgacgag 180  
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<210> 10845  
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<212> DNA  
<213> Homo sapiens

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ctgctacaga gcaggagtgc ccgcagcccc aggtgagac agctgtgcta cctatgtctt 180  
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<210> 10846  
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<213> Homo sapiens

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aattaaatga gaaagtactg aaagacaagc gtaaaaagct gcgtgaaacc tttgaacgta 480  
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 tagaatatga acagaagagg gctcaactta gccaatattt tgatgctgtc aagaatgctc 600  
 agcatgtgga agtggagagt attcctttgc cagatatgcc acatgctcct tccaacattt 660  
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 cctatggacc tccaactcgg g 741

<210> 10847

<211> 374

<212> DNA

<213> Homo sapiens

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 caagagtttt ataccaatta ttagtcaaca ctgataaaaag gcttttttag ggctttattt 180  
 gtttgagcct tttcagtga aagaaggaaca tttcctatgg tgctgtctca ctgccttaaa 240  
 acagatttct atgacagttt aacagttggg ttaaactcta aaccattggg aatttccact 300  
 gtcttttcat ttacaaccaa gcaacaccag ttaacatagt agcctcatct ctatatatct 360  
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<210> 10848

<211> 311

<212> DNA

<213> Homo sapiens

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 gaagtagttt acaaagctcg ctcaactcctc atttctctgt gatcccttct atccagtggc 180  
 cccaccacca cctgggaaaa cagatttttc agtacagggtg ggataaatgc tctgaaagggc 240  
 tgtgcccaga ggaatgagca aataggcaag tgtttccaaa ctacttgagg gtttacaaaa 300  
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<210> 10849

<211> 216

<212> DNA

<213> Homo sapiens

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 caggaacaga aaacagcaag aaaacctcac tttgactccc tgtgattccg tcttcaacct 180  
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<210> 10850

<211> 233

<212> DNA

<213> Homo sapiens

<400> 10850  
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 cagttctgcc attccaccca ggaacagaaa acagcaagaa aacctcatt tgactccctg 180

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233

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<211> 555  
<212> DNA  
<213> Homo sapiens

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acaacgtggg agattggctt cggggcgtct accgctttgc cactgatagg aatgacttcc 180  
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<212> DNA  
<213> Homo sapiens

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gctaaagtat tgcctctatt ctgtaaagtt ctgtacat 518

<210> 10853  
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<212> DNA  
<213> Homo sapiens

<400> 10853  
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tcatgatata ttgatgtaaa tratttcaaa acagcacgta cagcatgcat ctgattttta 180  
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<210> 10854  
<211> 163  
<212> DNA  
<213> Homo sapiens

<400> 10854  
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163

<210> 10855  
<211> 369  
<212> DNA  
<213> Homo sapiens

<400> 10855  
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<210> 10856  
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<212> DNA  
<213> Homo sapiens

<400> 10856  
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tgagcaa 367

<210> 10857  
<211> 204  
<212> DNA  
<213> Homo sapiens

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cgagaaaaga tgaamcggac cctgtgagtr tggctttctt cctctctccg ccacccctg 180  
ccccacactg magctgcaaa cgcg 204

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<211> 464  
<212> DNA  
<213> Homo sapiens

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00420"666F560

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464

<210> 10859

<211> 347

<212> DNA

<213> Homo sapiens

<400> 10859

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<210> 10860

<211> 361

<212> DNA

<213> Homo sapiens

<400> 10860

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atagtattta	tggtggccgc	cggcgggggc	cccagcccag	cttgcaaggc	acctctagct	180
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ctgccctgac	gtgtgaggca	agctaaggcc	tgagggggtca	gatgggagac	caggtcccaa	300
gggagcaaga	cctcgcaag	cagcagcccc	ggcccttccc	ccgttttgaa	catgtgtaac	360
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<210> 10861

<211> 260

<212> DNA

<213> Homo sapiens

<400> 10861

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ttaggcggga	gctgcgtgca	gtcagcttct	ccggggcatt	tttttctaca	cggttattgc	180
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<210> 10862

<211> 425

<212> DNA

<213> Homo sapiens

<400> 10862

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tcaggggtga	gctggagctg	cagttgatgg	aagtctgcat	gcttcaagct	tgggctcagg	360
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tccag

<210> 10863  
 <211> 535  
 <212> DNA  
 <213> Homo sapiens

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<210> 10864  
 <211> 445  
 <212> DNA  
 <213> Homo sapiens

<400> 10864						60
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<210> 10865  
 <211> 381  
 <212> DNA  
 <213> Homo sapiens

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gcatcgcaaa	gagaagaagg	agttgcaagc	caaaattcag	ggcatgaaga	atgctgttcc	240
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aatggaacag	anacatagag	aggaactgga	gcaattgaag	ctgactacta	aggagaataa	360
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<210> 10866  
 <211> 419  
 <212> DNA  
 <213> Homo sapiens

<400> 10866						60
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<210> 10867  
 <211> 285  
 <212> DNA  
 <213> Homo sapiens

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ctggactggg	taccttacat	caatggcaag	aattaaaaaa	ggaataaaact	atgtgcttct	285
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<210> 10868  
 <211> 466  
 <212> DNA  
 <213> Homo sapiens

<400> 10868						60
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tctctgtgga	catgacctgt	ggaggctgtg	ctgaagctgt	ctctcgggtc	ctcaataagc	240
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gccttgagta	gcagggggcct	ggtccccaca	gccacagga	tggaccaaag	ggggcaggat	420
gctgatcctc	ccgctggcct	ccagacagac	ctgggacttg	gcagtcatgc	cgggtgatgg	466
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<210> 10869  
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 <212> DNA  
 <213> Homo sapiens

<400> 10869						60
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aggctgtgct	gawgctgtct	ctcgggtcct	caataagctt	ggaggagtta	agtatgacat	240
tgacctgccc	aacaagaagg	tctgcattga	atctgagcac	agcatggrsa	ctctgcttgc	300
aacctgaag	aaaacaggag	agactgtttc	ctaccttggc	cttgagtagc	aggggcctgg	360
tccccacaac	ccacaggatg	gaccaaaggg	ggcaggatgc	tgatcctccc	gctggcttcc	420
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<210> 10870  
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 <212> DNA  
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 acgatgtttc ccttggtcaa aagcgacta aatcgtctcc aagttcgaag cattcagcaa 180  
 acaatggcaa ggagagcca ccagaaacgt acacctgatt ttcattgaca atacggtaat 240  
 gctgtattag ctagtggagc cactttctgt attgttacat ggacatatgt agcaacacaa 300  
 gtcggaatag aatggaacct gtccccctgtt ggagagttta ccccaaagga atggaggaat 360  
 cagtaatcat cccagctggt gtaataatga attgtttaaa aaacagctca taattgatgc 420  
 caaattaaag cactgtgtac ccattaagat atggc 455

<210> 10871  
 <211> 221  
 <212> DNA  
 <213> Homo sapiens

<400> 10871  
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 acctgaagcg aattggcacc aaagcagcag ctgtattgcc gcagttctag cttcaccttc 120  
 acgatgtttc ccttggtcaa aagcgacta aatcgtctcc aaggtgagca aaaattatga 180  
 caaatcattt acaacaacct tatatcaatg tgcctcgcg g 221

<210> 10872  
 <211> 268  
 <212> DNA  
 <213> Homo sapiens

<400> 10872  
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 gctctcaagt aagattagcg tatctgtcta gtcacatgct tacccttgta aaacaggact 120  
 tctaattctgt ctgcaaggag ccattatctc caacaatttt gtgagaagtg tctggggagg 180  
 atcaaccccc aatctcaaca gaaaattaat ttttatgacc tgtgcaagtt ttggagggtg 240  
 aacctccaaa ttttatattt atttgcct 268

<210> 10873  
 <211> 215  
 <212> DNA  
 <213> Homo sapiens

<400> 10873  
 aattatTTTT ggcaacactt tttgcttttg caagccccag ctgagtaaca caggaagctg 60  
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 aggagctgcg agataccact tcctgcctct cccaggcacc ctgaaactca ctgagggagg 180  
 cggacctcaa agccgagccc cctcctctac cccca 215

<210> 10874  
 <211> 320  
 <212> DNA  
 <213> Homo sapiens

<400> 10874  
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 gctgtcacgg aaggctaaaa ggatagagat atagcttaca gctgaaagta tgtacataga 120  
 gatgaaataa agtaggcaag ggagagtctc aaacacagtg ggtctcgtag ttgtaatggg 180  
 agtttagatc agtatcagct ggggtacatgg gacagagtat ggccaaggac tggagagagc 240

tggggtgttt ggtgctggag tgtggacttc atttatggaa aacttcatct agaggaaaac 300  
 agggagaaaa gcagaggagg 320

<210> 10875  
 <211> 274  
 <212> DNA  
 <213> Homo sapiens

<400> 10875  
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 actgtgttaa gaaagtacta gggttggtat cctaactctt actccaacc tgtgaggtag 180  
 gactgttata ttaagtttat attaaacttt ttgttaccac cgttactttg ttagcaagggt 240  
 ttaatattga tatcctttga tgtactaaga gcac 274

<210> 10876  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<400> 10876  
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 acatttgata atgaatgttc ttgtatatcc agatwaagra amaaanaamc caaaaaagcg 180  
 gyltgaattt aatagkgttt awaataaaaa ttttaaaaat gaccctcata gcacgcaaaa 240  
 caggatgggg aatttcccct cttctttctg tgacaatgcg catcattcct gcattagttt 300  
 ttaacaccag actacnyaca ttcattcatt ccttcatttt ncttttatt tcttgcattk 360  
 gtgaatwagt tcaagaatgc tagaaaagtg tcgagttgtg cacatccatt tct 413

<210> 10877  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

<400> 10877  
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 aagtaagtaa gtgccctttg aagggatcat taagacacag ggagcatgaa cctgagatca 180  
 gaagcatttc tttactaatt tagattctgc gaaatagacg gacctctcca ccccaaaacc 240  
 taaaacaggc caggacttgt ctctgtgctg aaagcaaata gcaagactaa agcaagcccc 300  
 agcctctttc cacactccct gatacctaag gactgctttc tcagctagac cagggtgggc 360  
 atcagcgacg ccttctcagc ta 382

<210> 10878  
 <211> 185  
 <212> DNA  
 <213> Homo sapiens

<400> 10878  
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 gggtaactaat ctgccaagac cactacagca gaaagtgggt ccagaaagaa gtcaggcctt 120  
 gactccaggg cctccctctt gagcccgga acccctcca cctccgcta ccatactcca 180  
 tcccc 185



<210> 10879  
 <211> 443  
 <212> DNA  
 <213> Homo sapiens

<400> 10879  
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 taccagataa cgtcatctgg taaatagctc gtttcccttc ctccctgag gttctgtatt 180  
 gctcctatct ttgcagtttt aaaaaacagc ttcactatcc tgcgtctag gctccagact 240  
 tagccaaatt gtgccggtgc tattcaataa catcgcttga acntcttgaa tctttgtggc 300  
 ccatatcccc attactagta ctacaattat ttttaggaatt aattttcttt gacttgttta 360  
 ccattttctc tttatcccca tcaagacaca cggttcagagg acatctgaga tgctcatttt 420  
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<210> 10880  
 <211> 203  
 <212> DNA  
 <213> Homo sapiens

<400> 10880  
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 gggaagaatc gttaatatta agagagagag ggagaaagag gattagatga gagtggcgcc 180  
 tccgctcatg tccgccccct ccc 203

<210> 10881  
 <211> 389  
 <212> DNA  
 <213> Homo sapiens

<400> 10881  
 agccgtagcc agatccggtg aaaggagtgc agagaggtct cattgcgctc ccgaacagac 60  
 ctgacgtaga tccgaagtgg cccgcgccat ctcaactatg aggggacacc cgtaggcggc 120  
 gggagagggg cgccgcgaga agccartaaa gctccagmaa cccggaagtg kcttctggga 180  
 ggggtngtac ccggaagtgt ggcacctccc gggccgcacc cggaagtgt gatgccaccg 240  
 ccgctacggg gaagtaatgg tatccggcca attgagattc ggagttaaaa cagggatgtg 300  
 cagatggagg tcggaggaga cactgctgcc ccggcccccg ggggcgcgga ggacttggag 360  
 gacacgcagt tccccagtga ggaagctac 389

<210> 10882  
 <211> 421  
 <212> DNA  
 <213> Homo sapiens

<400> 10882  
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 gaaaatacta attaataata gtaagtgtt agtgttggtt aagttgttg ttggaagtga 120  
 gaagttgctt agaaactttc caaagtgtt agaactttta gtgcaaacag acaaactaac 180  
 aaacaaaaat tgttttgctt tgctacaagg tggggaagac tgaagaagt ttaactgaaa 240  
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 tcacaggcag gggaaatgtc tttaccagct tcctcctggg ggccaagaca gcctgtttca 360  
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<210> 10883  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

<400> 10883						60
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ttcattgctt	ttctgttcac	agttgtggct	ctgtttttta	agaatgtaac	ttgttttttag	180
attatacttg	catctgtgac	tttactacca	gccacgttga	cacaaaacag	gttctgggttc	206
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<210> 10884  
 <211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 10884						60
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aagggtgttgc	ggctttataa	gcgggacgta	cgccacctcg	agtcgtgggtg	cgccagaga	240
gacaaataacc	gatactttgc	ttgtttgatg	agagccacat	tcgggtgtgct	gccaacttga	300
tgttccacct	gccacaaacc	accaggactg	aaagaagaaa	acagtacaga	aggcaaagtt	360
tacagatggt	tttaattcta	gtattttatc	tggaacaact	tgtagcagct	atatatttcc	374
ccttggtccc	aagc					

<210> 10885  
 <211> 397  
 <212> DNA  
 <213> Homo sapiens

<400> 10885						60
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aggagctcaa	aaggagaaga	aaacagtagg	aggcagggga	agcagcctct	gtctccatct	180
ctgccctttg	aaacaaaagg	gtattttctt	tctctcttca	gcccccaacc	cagtggagag	240
tgatagcagc	tacgacttcc	tgtccactga	agagaaggag	tgtctgctct	tcctggagga	300
gaccattggc	tactggaca	cggaggctga	cagcggactg	tccactgacg	agtctgagcc	360
agccacaact	cccagagggt	tccgagcact	gcccattnacc	caasccactc	cccggggagg	397
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<210> 10886  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 10886						60
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ctgccctttg	aaacaaaagg	gtattttctt	tctctcttca	gcccccaacc	cagtggagggc	240
ccggcttggg	acattgttca	cttccccctc	cttccccctc	agaagcccc	tttgccatcc	300
ctgcaccttg	tttcgggtga	tgcccagagag	ggagctgtgg	ccagcgggga	ctggctcaga	360
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<210> 10887  
 <211> 88  
 <212> DNA  
 <213> Homo sapiens

<400> 10887  
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 agggtagcct aaaacagtag ttgacgcg 88

<210> 10888  
 <211> 390  
 <212> DNA  
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<400> 10888  
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 ttattagtta gcaaaatgaa cctggggaag tgggaagagc tagtattctc aattggcaag 180  
 ggattgattc ttcaatgggt tcagcawttc acttccctct gaaattaagt ggcaaagtaa 240  
 tagcatccct taaaaaacag gacattgggt agaggtagaa tagcaggagg aattttgaaa 300  
 catggaggga tggctactgg aaaagaactg atgaagtgcga gagtctctcc agacaatggt 360  
 agaaaccaca ggactacatt aagattrggc 390

<210> 10889  
 <211> 163  
 <212> DNA  
 <213> Homo sapiens

<400> 10889  
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 agtcctgtaa ctattataga ttagaatgca aagtttgcat gaattgaagc taacacagga 120  
 aactttaawt taattarkma attwatattat ttttgagaca ggg 163

<210> 10890  
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 <212> DNA  
 <213> Homo sapiens

<400> 10890  
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 aagaagcacc gtggctgcta ttatctgctc tccgcgcctg acccctccca ggactcgtga 120  
 tgccaaggcc gctgcgagcg gctacgaaga gtcgggggtg agccccagct gagccgaggg 180  
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 taccggatat tttccaagta tggcaaagtt gtaaagggtta ccatcatgaa agataaagat 360  
 accaggaaga gtaaagggtg tgcatttatt ttatttttgg ataaagctct gcacaaaact 420  
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<210> 10891  
 <211> 463  
 <212> DNA  
 <213> Homo sapiens

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 agtacagaac ctgctaaggc catcaaacct attgatcgga agtcagtcca tcagatttgc 180  
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 gtttcaggca atggatgtgg ggtagaagaa gaaaacttcg aaggcttaac tctgaaacat 360  
 cacacatcta agattcaaga gtttgccgac ctamctcrgg ttgaaacttt tggctttcgg 420  
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<210> 10892  
 <211> 377  
 <212> DNA  
 <213> Homo sapiens

<400> 10892  
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 cttcaagact tcagtggagg aagtaactac aaatgtggta gaaatagcta gataactaga 180  
 agtgggtggag cctgaagatc tgactgaatt gctgcagtct catgattaaa cttgaacaga 240  
 tgaggatttg cttcatatgg gtggatacag aaagtgttt cttgagatga aatctactgc 300  
 tggcaaagat gctgtgaaca tcgttgaaat gacaacaaag gacttcgaat atcagtaaaa 360  
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<210> 10893  
 <211> 167  
 <212> DNA  
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<210> 10894  
 <211> 453  
 <212> DNA  
 <213> Homo sapiens

<400> 10894  
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 tataagaaca tttgtcaaca ggtgaacata aaatctctgg aaggatgttg ttagggcata 420  
 tttgaaaatg gcagaaggaa aaaactgaag ctg 453

<210> 10895  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

<400> 10895  
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 cctcgscggc agagattatg cagtaagata atttaactga ataatactat gtgcatgtat 180  
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 tcnagtgaga gataatttga atcaaggggg cggtttcccc catattgttc ttgtggtagt 360  
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<210> 10896  
 <211> 411  
 <212> DNA  
 <213> Homo sapiens

<400> 10896  
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 actaaattga tatttcttga agtctaactc tgtgctaaca gatctccatt ttaaatagaa 360  
 tacgggtttta atttttgata agctgctgaa ttttaaagag agttttttgg g 411

<210> 10897  
 <211> 183  
 <212> DNA  
 <213> Homo sapiens

<400> 10897  
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 tttggacagg ttcattgtca tgtaaaacaa atatctcaaa attcatttta catttagcaa 180  
 agg 183

<210> 10898  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 10898  
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 ctggctgatg gatccagtag taggaaaaca taatagacat tcaggttttg gtaaccaaag 180  
 ttgtgctaatt cttgtagagt gagtaggaga atgttcctgc ctattctttt cttggaaggg 240  
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<210> 10899  
 <211> 451  
 <212> DNA  
 <213> Homo sapiens

<400> 10899  
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cgggtgattg	ggtccgagac	atttgcagat	catctctcac	actgggtacc	attaaaagaa	360
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<210> 10900

<211> 251

<212> DNA

<213> Homo sapiens

<400> 10900

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aggctatcag	ccaaagaaaa	agtctccagg	gggaagggga	gaatcactta	taatttaata	180
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aacaggtgag	a					251

<210> 10901

<211> 233

<212> DNA

<213> Homo sapiens

<400> 10901

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acctttttac	ctcaaagtaa	tctaagtata	aatatgggtca	ctaactgcac	aaccaggctc	180
cacagaactg	acaggtttta	tttaatgacc	cattttcctt	tatttgaact	cag	233

<210> 10902

<211> 143

<212> DNA

<213> Homo sapiens

<400> 10902

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<210> 10903

<211> 222

<212> DNA

<213> Homo sapiens

<400> 10903

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&lt;211&gt; 355

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10907

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&lt;210&gt; 10908

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10908

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&lt;210&gt; 10909

&lt;211&gt; 269

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 10909

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&lt;210&gt; 10910

&lt;211&gt; 464

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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<211> 174  
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<211> 268

<212> DNA

<213> Homo sapiens

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<212> DNA

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4766

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210

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agggaaagaa	ggaagattgt	tggttggaat	aaaaacagg	ttgaatgagt	tccagaaagc		360
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gaagcaacat	gcagagaagt	aaatranna					

<210> 10937  
<211> 305  
<212> DNA  
<213> Homo sapiens

<400> 10937							60
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cagaatgcct	agaaaaaaag	gtggacatga	gcaaagtaaa	tttggagggt	ataaagcctt		240
ggataacaaa	aagagtaacg	gaaatccttg	ggtttgaaga	tgatgttggt	attgagttta		300
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gtata							

<210> 10938  
<211> 207  
<212> DNA  
<213> Homo sapiens

<400> 10938							60
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cgaccatgcc	caggaagaag	gcgacgg					

<210> 10939  
<211> 136  
<212> DNA  
<213> Homo sapiens

<400> 10939							60
cagaaaacat	gattatgtgt	cactttaata	caggaaattt	aggtgttttt	tggtgttttt		120
gtttttgttt	ttgttttctt	tccaaagctc	acctcgggga	caattccttg	ggcttctcct		136
gaggtaatga	tttacc						

<210> 10940  
<211> 539  
<212> DNA  
<213> Homo sapiens

<400> 10940  
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aaggagaagg cttgcagtcg agccccggg cctggggacg gtccttcctc tgccagcccc 180  
cgccctcccc actcaggcgc acacctccct cactgacgca ttttgccgca caagctgtaa 240  
catggcggca sgactgcggc ctgaactcta gggcagccgg gttgattttt aaagcttcaa 300  
aatcctaaga ctcagcactg ttgcggggag cacagggatc agttgtcctt gttttttttt 360  
ggctttttct tcatttgaag attaatgatt ggagccatgg gaataaagg tcaacgtcct 420  
cgatgttttt ttgacattgc cattaacaat caacctgctg gaagagttgt ctttgaatta 480  
ttttctgatg tgtgccccaa aacatgcgag aactttcgkk gtctttgtac aggtgaaaa 539

<210> 10941  
<211> 253  
<212> DNA  
<213> Homo sapiens

<400> 10941  
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acgacgtaga ccagcaacaa actaccaaca ctgtagagga gcnccctggat cttatcaggg 120  
tcagcctaga tgagcctgat aagatccagg ggctcctcta cagtgttggt agtwtgtagc 180  
tggggctttg atgttccctc cagtgtcatt tctcatccac ataccctgac ctggccccct 240  
cagtgttgct acc 253

<210> 10942  
<211> 245  
<212> DNA  
<213> Homo sapiens

<400> 10942  
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tgctgcattt tttatcacct atgaatatgt gaagtgggtt ttgcatgctg attcatcttc 180  
atatttgaca cctatgaaac atatgttggc tgcctctgct ggagaagtgg ttgacctgct 240  
gattc 245

<210> 10943  
<211> 406  
<212> DNA  
<213> Homo sapiens

<400> 10943  
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ctgccatgaa gcagtttctg ctgtacttgg atgagtccaa tgccctgggg aagaagttca 180  
tcattcaaga cattgatgac actcacgtct ttgtaatagc agaattgggt aatgtcctcc 240  
aggagcgagt ggggtgaatta atggaccaaa atgctttttc ccttaccagc aaatgaaaa 300  
actcaatatg gaccatttag gaattataag cagcaactgt gaaagacttg ccactcaata 360  
tcttaggtga ctgattagac atagaggggt gttttaggag catgcc 406

<210> 10944  
<211> 384  
<212> DNA  
<213> Homo sapiens



<400> 10944  
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 tcctttaaga tcacgctgac gtcgaccca cggctgccgt acaaagtgtg agtagctcgg 180  
 ccgagatggg ccttttgggg ccggacaaga cggggctggg ttggggatga tccgagcctt 240  
 tccaacaact accccacgca gtcttcatct cttcacttca tctactttcc tggctcgcgc 300  
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 gtcagcttgg caggcttggc cccg 384

<210> 10945  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<400> 10945  
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 aaagtactca gtgttcctga aagtacacct ttcacagcag tcttaaagtt tgcagcagaa 180  
 gaatttaaag ttcctgctgc aacaagtgca attattacca atgatggaat aggaataaat 240  
 cctgcacaga ctgctggaaa tgtttttcta aaacatgggt cagaactgcg gattattcct 300  
 agagatcgtg ttggaagttg ttaatatctg ctacttggaa catacgattg cctttcagaa 360  
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 acacca 426

<210> 10946  
 <211> 245  
 <212> DNA  
 <213> Homo sapiens

<400> 10946  
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 ccaactcttc ctagggggaa gacaagtaat aacgatctag ccaatgtgtt gccattttat 180  
 cattaacttt atgtatatta tgcattattc ctcatgtcat cttcaaactt catgagatgg 240  
 tagac 245

<210> 10947  
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 <212> DNA  
 <213> Homo sapiens

<400> 10947  
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 tgatctgaag gaaactagtt gttagcttcc agatattctc tgtaagtata atcacatagg 120  
 atgggctaaa tcccccaaat aacaagttgc aacaaaacat gtgaaatatt atct 174

<210> 10948  
 <211> 442  
 <212> DNA  
 <213> Homo sapiens

<400> 10948  
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catcagaaaa	gctaagtttg	ctgtatagtg	aggatcagga	gatctgatcc	tgattgcaga	180
accttccctg	attacagaat	cttggtgggt	ggaataaaaa	caggggttgaa	tgagttccag	240
aaagcagggt	tctcaacctc	gtggacagca	atctgcagaa	gaagagaact	tcaaaaaaac	300
caactagaag	caacatgcag	agaagtaaan	tgagaggggc	ctcctcagga	aagaagacag	360
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cagagaaccc	cccttcagga	tc				442

<210> 10949  
 <211> 155  
 <212> DNA  
 <213> Homo sapiens

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actattactt	ctcatgacgt	caccattttt	aactgacagg	attagtaaaa	cattaagaca	155
gcaaacttgt	gtctgtctct	tctttcattt	tcccc			

<210> 10950  
 <211> 490  
 <212> DNA  
 <213> Homo sapiens

<400> 10950		60				
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gggacccccg	ggctgcccgc	tatatcggtg	agagggggcc	ggccgcccag	ggagggcgctg	180
gtggggggcat	ggctgagccg	caagctgagc	gtccccgcct	ttgcgtcttc	cctgacctct	240
tgcggccccc	gagcgtgtgt	gacattgaga	cctgggtgtca	gcctcacagg	aacaaaacat	300
taccctttca	tttgtactgc	ctccttccac	acgagtgtcc	ctttggccaa	agaagattat	360
tatcagatat	taggagtgtc	tygaaatgcc	agccagaaag	agatcaagaa	agcctattat	420
cagcttgcca	agaagtatca	ccctgacaca	aataaggatg	atcccaaagc	caaggagaag	480
ttctcccagc	tggcagaagc	ctatgargta	atatgacttc	ggtagcatgcg	gtcactgtctg	490
tycagctatg						

<210> 10951  
 <211> 175  
 <212> DNA  
 <213> Homo sapiens

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tacagtgttt	tatttacatt	ttgagagtaa	aagttaaaac	attcctgagc	ggagaataac	175
aataaaaattg	catcttgcaa	gtttataacc	tttaagcact	gagtaaaagg	atcat	

<210> 10952  
 <211> 537  
 <212> DNA  
 <213> Homo sapiens

<400> 10952		60				
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gatccctctg	aacacttcca	ttgttatgcc	acccagaaac	ctactggagt	tacttattaa	240
catcaaggct	ggaacctatt	tgcctcagtc	ctatctgatt	catgagcaca	tggttattac	

tgatcgatt	gaaaacattg	atcacctggg	tttctttatt	tatcgactgt	gtcatgacaa	300
ggaaacttac	aaactgcaac	gcagagaaac	tattaaagg	attcagaaac	gtgaagccag	360
caawttgttt	cgcaattcgg	cattttgaaa	acaaatttgc	cgtggaaact	ttaatttgtt	420
cttgaacagt	caagaaaaac	attattgagg	aaaattaata	tcacagcata	acccaccct	480
ttacattttg	tgcagtgtt	atTTTTTaaa	gtcttctttc	atgtaagtag	caaacag	537

<210> 10953  
 <211> 146  
 <212> DNA  
 <213> Homo sapiens

<400> 10953	60					
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aaaatagtat	taaaacattg	ccacaaggac	cagtgtgtgc	cctaggctaa	gccccacatt	146
tcagacccta	gactctttcc	cccctg				

<210> 10954  
 <211> 364  
 <212> DNA  
 <213> Homo sapiens

<400> 10954	60					
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ggccttacat	cagtagctgt	cagagggaaa	gactgtgcag	taattgtcac	acagaagaaa	240
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attggttggt	tgatgaccgg	aatgacagct	gacagcagat	cccaggtaat	atctgttttg	360
atgaatttga	aggcaattga	tttghtaacca	aaccatagaa	gccatatcca	atccattca	364
ctgg						

<210> 10955  
 <211> 422  
 <212> DNA  
 <213> Homo sapiens

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cattgttagt	gaacaacaac	agaatatggg	acgtgtctgt	aggggaaagt	aattttttcc	360
cctagagtaa	atgttgagc	gtttcttgaa	gaagttgtag	cacgtgctac	tggttaaacc	420
tacatgtttc	tttttctttt	tctttktctt	tttkatttat	atTTTgaaaa	aatatttttt	422
cc						

<210> 10956  
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 <212> DNA  
 <213> Homo sapiens

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tgatcgagca	ggcggcgag	tacaccaacg	cgggtgcgga	ccgggagctg	gacctccggg	180
ggtataaaat	tcccgtcatt	gaaaatctag	gtgctacgtt	agacccccgg	aggtccagcc	

ccttttccag gaaccttgcc acacccacac ctgcagcctc ccttcc

<210> 10957  
<211> 266  
<212> DNA  
<213> Homo sapiens

<400> 10957  
atttcttttg tttgactttt ttaaaattct acaatggtaa aagctatttt aatccatggt 60  
agcaatttaa ttcctattaa ttcattttac tatcataata gcaaagtatt cagaataaaa 120  
gaggtttata tcttctatta aaatgcagta atactattca aatctaattt agctggaagc 180  
aacatgggag taaagtaatc atccagggga cccaccataa aggacattgg taaaacattt 240  
acacacgtaa acacacgtgc aggcac 266

<210> 10958  
<211> 195  
<212> DNA  
<213> Homo sapiens

<400> 10958  
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taaagtcaaa acatttccca tgagctgtag ttattcatcc ttctgtacat gaaaagtttg 180  
gaaattgttt gccct 195

<210> 10959  
<211> 446  
<212> DNA  
<213> Homo sapiens

<400> 10959  
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ttccgaaaag agacagacaa tgcagccatc ataaaacatt tccccagagg agctcaaaat 180  
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caacagatga tgtatgcagg gagtaaaaac aggcgtggtg agacagcaga gctcacaaaa 360  
ggtgttcgaa atccgcacca ctgatgacct cactgaggcc tggctccaaa gaanngttgt 420  
cttwtwccg ttgatctctg ggctgg 446

<210> 10960  
<211> 413  
<212> DNA  
<213> Homo sapiens

<400> 10960  
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<213> Homo sapiens
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<212> DNA
<213> Homo sapiens
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<212> DNA
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<211> 459
<212> DNA
<213> Homo sapiens
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cgggctcatc	ctgagatgta	gccatcacta	tccagttgtc	cctgttgtag	agacagaaac	360
ttgggtcct	cattagttaa	tgtaggattg	acggtgttcg	tgtttggtg	ggtgtgtgtg	420
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 <213> Homo sapiens

<400> 10966						60
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cttgcncctg	ctctctgtct	cctcccatcg	ggaggaacag	agagccagga	ccaaagctcc	300
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ttaaatggaa	gcaaagatga	cttcctcata	tatgatagat	gtggccgtct	tgtatatcat	644
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<210> 10967  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 10967						60
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<210> 10968  
 <211> 432  
 <212> DNA  
 <213> Homo sapiens

<400> 10968						60
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tactgttat	aatgtacagc	agaactgcat	gatcagctgt	atggtagcct	tgaaaaccaa	240
caggccacaa	tcacagtga	aacctcaggt	tggcagccac	tggaggatac	aaaatgagtt	300
tggatctcct	tcaatgcccc	attcccagag	aactgtcatt	atttgacctg	ctggtagtgc	360
cctaaaggac	gtgcaaggat	gttttttatt	gactggacac	ttgaagcttg	cystgtatga	420
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<211> 355
<212> DNA
<213> Homo sapiens
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gaaaacctca	ggttggcagc	cactggagga	tacaaaatga	gtttggtatc	ccttcaatgc		240
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gatgttttta	tttgactgga	cacttgaagc	ttgcctgta	tgaacagccc	ccatcttccc		355
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<210> 10970
<211> 252
<212> DNA
<213> Homo sapiens
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<400>	10970					60
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ccctaactga	tcaatgtact	ttgtaatctc	cscaccacctt	aagaagggtc	tttataatttt	240
ccccaccct	taaggagggt	ctttgtaatt	ctcccsamc	cyttgagaat	gtactttgtg	252
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<210> 10971
<211> 362
<212> DNA
<213> Homo sapiens
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<400> 10971						60
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466

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<211> 303  
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<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<210> 10983

<211> 587

<212> DNA

<213> Homo sapiens

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<211> 427

<212> DNA

<213> Homo sapiens

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<210> 10985

<211> 517

<212> DNA

<213> Homo sapiens

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<210> 10986

<211> 424

<212> DNA

<213> Homo sapiens

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<211> 369

<212> DNA

<213> Homo sapiens

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agcatggara	gtgggtctgg	agggggcaaac	agggacctgg	cacaccagga	aagctatcca	228
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tcctccaccg	tttctccag	gacagcacct	wrttcgtggc	cggaggagtct	tcaagagctg	226
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004220-006550

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 <213> Homo sapiens

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ttgtcttata	tttcaagtta	aggtccaaaa	aaactccagc	tgtgaaagca	acataaatgg		420
attttaaact	gtctacggtt	cttaacctca	tctgttaagt	tcccatgcct	ggagaagcta		471
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**SECRET**

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<400> 11038						60
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tcatcctnaa	cangaaaagt	tccagccaaa	gaggaagcta	atgctgtgcc	tctctgtaga	240
gcaaaacct	ccccagcta	tattaatctt	caagcaagtt	ccccaccagc	cacttttctg	300
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<210> 11039  
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 <212> DNA  
 <213> Homo sapiens

<400> 11039						60
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tcatcctaac	agaaaagttc	cagccaaaaga	ggaagcta	gctgtgctc	tctgtagagc	240
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catccagaca	acaaagctgc	cctcggttga	tcacaagccc	aaggaatgcc	targactcct	340
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<210> 11040  
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 <212> DNA  
 <213> Homo sapiens

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tactaacatg	gattgttgat	catctgatgc	tatgattctt	tcccaggcac	cacacctgtt	240
ggtgttcaga	tgagcggca	cactagtcac	cctaacagaa	aagttccagc	caaagaggaa	300
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atgcctagga	ctcctggaat	gtatgtatgc	aaacctccag	cttcagacct	agctcgcccs	473
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<210> 11041  
 <211> 435  
 <212> DNA  
 <213> Homo sapiens

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cgcagattgg	aacaggctga	gatctgctgg	agacaactta	ggaaattatc	atagtgaaaa	180
tactaacatg	gattgttgat	catctgatgc	tatgattctt	tcccaggcac	cacacctgtt	240
ggtgttcaga	tgagcggca	cactagtcac	cctaacagaa	aagttccagc	caaagaggaa	300
gctaattgctg	tgctctctg	tagagcaaaa	ccctcccca	gctatattaa	tcttcaagca	360
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gtagggaggg ttttctaatt gactcaacag ggggaagggg tgcattggagg aggtggcctg 420  
agctgtcgcc tattg 435

<210> 11042  
<211> 565  
<212> DNA  
<213> Homo sapiens

<400> 11042  
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tactaacatg gattgttgat catctgatgc tatgattctt tcccaggcac cacacctgtt 180  
ggtgttcaga tggagcggca cactagtcat cctaacagaa aaggcttggt ttttatgaag 240  
aggcccttct taatccttca gatcccagct gagatattat ttccctcagg catgttttcc 300  
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tccagacaac aaagctgccc tcggcccaag gaatgcctag gactcctgga atgtatgtat 480  
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<210> 11043  
<211> 589  
<212> DNA  
<213> Homo sapiens

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gagtcggcac actatggctg cctctggtgc tccagaacc cacaacatga aagaaatggg 180  
gctaccacag tcaagcctgg gcctttgaat ccggacacaa aaccctctag cttggaaatg 240  
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agckagagga accagacctc atcagcccaa catcaaagac accatcggaa cagcagcgcc 360  
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tgaccaccag ccaccacatc atcccagagc tgagctcctc cagcgggatg acgcccgtcc 480  
caccacctcc ctcttctctt ttttcactct tctgtctctt tgtttctgag ctttctgtc 540  
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<210> 11044  
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<212> DNA  
<213> Homo sapiens

<400> 11044  
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tattacctgg gagtgaaaag aaatattaca gccatgccta actgacttct tgaggtaaga 180  
ttgttctgtc agaaaacctt ctcccagttc ccctgcagct cttcaggaat ccacatctct 240  
scagagctct ttgttctcat ggggtggcacc tccagagtga agaagatcct tttcaagaag 300  
ggaaacaggg gaaatgagag ggtcctgcag gcagagctgg aatcaacttc cactctgcct 360  
cttgcaagct gtgtgacctt gggcacaatt tctccttctc ctggwaacct ctgttttctt 420  
agatttggag caggrrtggt acactgacct tgcagagttc ygagaatcag agacagaaca 480  
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<210> 11045

<211> 236  
 <212> DNA  
 <213> Homo sapiens

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gaggcaaact ttggggggat aagaaagcct gggagggggc tgtgccaaaa ccctctctgc	120
ctggggactg ggcggtgatt csgcttctgc ctgggctcct gccatggccc ccgagagggg	180
ctgacacttt agctcccgtt gcagggtgaga acccgcccgg aggaagaagg aaggcg	236

<210> 11046  
 <211> 427  
 <212> DNA  
 <213> Homo sapiens

<400> 11046	
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ggtctttaac ctgccagggt ctgcacatgt attaaaattg ttccatatgc aaattacttg	180
gcctgcttta gctgttgat atgtatacaa atatgtgtat gtgtaaata atgtgtgtgc	240
atttgagtgt gcagttagtg acatagacaa agaaaaccct ctgagacact agccttatag	300
ggcattatatt tgttcacaat cctactaatc tcttggaat ttagatccat ctttaaacag	360
ctgaactttc tggaagatca gtgactcaga ttatcagagt ttacagagag caaatgctgg	420
aagaaga	427

<210> 11047  
 <211> 386  
 <212> DNA  
 <213> Homo sapiens

<400> 11047	
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tggggttgtg tccctgctgg gctgccgttc cagctggact gccgccatgg aactcagcgc	120
cgaatacctc cgcgagaagc tgcagcggga cctggaggcg gagcatgtgg aggtggagga	180
cacgacctc aaccgttgct cctgtagctt ccgagtcctg gtggtgtcgg ccaagtccga	240
ggggaaaccg ctgcttcaga gacacaggct ggtgaacgcg tgcctagcag aagagctccc	300
gcacatccat gcctttgaac agaaaaccct gaccccagac cagtgggcac gtgagcgaca	360
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<210> 11048  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 11048	
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gaatacctcc gcgagaagct gcagcgggac ctggaggcgg asatgtggag gtggaggaca	180
cgacctcaa ccgttgctcc tgtagcttcc gactcctggt ggtgtcggcc aagttcgagg	240
ggaaaccgct gcttcagaga cacagcttgg atcctagcat gactatacat tgtgacatgg	300
tcattacata tggattagac caactggaga attgccagam ttgtggtacc aattatatca	360
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<210> 11049

<211> 464  
 <212> DNA  
 <213> Homo sapiens

<400> 11049  
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 cgaatacctc cgcgagaagc tgcagcgga cctggangcg gagcatgtgc ttccgagtcc 180  
 tgggtggtgtc ggccaagtgc gaggggaaac cgctgcttca gakacacagg ctggtgaacg 240  
 cgtgcctagc agaagagctc ccgcacatcc atgcctttga acagaaaacc ctgaccccag 300  
 accagtggc accttggatc ctagcatgac tatacattgt gacatggtca ttacatatgg 360  
 attagaccaa ctggagaatt gccagamtg tggtagcaat tatatcatct cagtcttgaa 420  
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<210> 11050  
 <211> 116  
 <212> DNA  
 <213> Homo sapiens

<400> 11050  
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<210> 11051  
 <211> 298  
 <212> DNA  
 <213> Homo sapiens

<400> 11051  
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 acgagcagcc agctgaccct gccggccaca cagtgcctag ccggcaagtn cgtgacatgc 180  
 cacgtgaagc actacacgaa tcccagccag gatgtgactg tgccctgcc agttccctca 240  
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<210> 11052  
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 <212> DNA  
 <213> Homo sapiens

<400> 11052  
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 rgatgtcctt aagttccttg cagcaggaac ccacttaggt ggaccaatc ttgacttcca 180  
 gatggaacag tacatctata aaaggaaaag tgatggtagg tcattgcttt aattttttgt 240  
 tactccagct gtaagtacaa attttgagct tgctattctc gtgggttagtt ctgggtaatt 300  
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<210> 11053  
 <211> 336  
 <212> DNA  
 <213> Homo sapiens

<400> 11053

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catatgacag	gcagagaagc	aggcctgagt	ggttatgagg	cagtgaggtg	tgtttccttg	240
ggcaagttgc	ttagcttctc	tgagcctcag	tagctcctct	gtctgtyaaa	tgggatcatg	300
aaaacccttc	accataagct	gcacaagcgc	aagaac			336

&lt;210&gt; 11054

&lt;211&gt; 393

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11054						60
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aactgaataa	cagttcatat	tgaaggtgga	ttctccatt	ccctgcaccc	aggattttcc	180
gttggtccat	caaattctgt	aaatcggtat	ggcctaacag	tttcttatat	ttgagttggc	240
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ttccgaagag	aaaggatgat	tatttggtgc	atgattatag	cttcttttaa	aacttcta	360
agggaaaacc	ttccactttc	ctggaccaa	tcgagagtaa	agtcattttc	tattatctgt	393
tgcaataatt	aataataaat	atgtaaatgc	aga			

&lt;210&gt; 11055

&lt;211&gt; 418

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11055						60
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atgtttgaaa	attagagatc	atgaattata	taattttcca	gtataaaaca	agggaaaaat	240
ttttatgtaa	aaccctttta	atgtaaaata	tttgagaata	agttcataca	atcgtcttaa	300
gttttttatg	ccttttatata	cttagctata	ttttttcttt	tgacataact	atctttttga	360
aagcaatatt	atactgacag	aggctcactg	agtgatactt	taagttaa	atgtagatca	418
aggatgtcca	atcttttggc	ttccctgagc	cacaytgga	gaagaattgt	cttggggc	

&lt;210&gt; 11056

&lt;211&gt; 192

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11056						60
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cagatggcat	cagaggcact	ccatcaagtg	ggasatggg	aggaggctgt	actgaagaaa	180
gaaaacttca	acatgatgaa	tgcccttgac	caactgccaa	aacccttttc	aaaccccaag	192
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&lt;210&gt; 11057

&lt;211&gt; 465

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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tcagcccagc	cctcctgtca	ccttgccctc	cccctttccc	ccaccttatt	ctatcccacc	300
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ccctaatacct	aggagctttc	tgtctggctt	ccctcctggc	ccctcgtgta	tgcattctct	420
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<210> 11058  
 <211> 413  
 <212> DNA  
 <213> Homo sapiens

<400> 11058						60
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caaggaacat	tccagagaag	atcacaagga	tgcgaataaa	atcggagctg	cacagggatc	240
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tcaagtgatt	ctcctgcctc	agcctcccta	gtagctggga	ttacaggaca	aggagagggg	360
caaatttcctt	cttggcatcc	ttatggccct	gtgacctgct	aatgaatgct	gactctgagt	413
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<210> 11059  
 <211> 534  
 <212> DNA  
 <213> Homo sapiens

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gccgggcacc	ccggaagacc	gctgggaacc	ggctttctgg	gcttttggag	gcagaggagg	240
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<210> 11060  
 <211> 408  
 <212> DNA  
 <213> Homo sapiens

<400> 11060						60
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gggaccagtc	agacacagag	gacgarkgga	ctctgacttt	gacattgatg	aaggggatga	240
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ctataaggaa	cctctcaaga	gcttaaggcc	tcgaaaggtc	aacacccccg	ctggtagctc	360
tcagaaggcg	cgagaagaga	aggcactact	gccattagaa	ctacangatr	cgggctctka	408
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<210> 11061  
 <211> 166  
 <212> DNA

<213> Homo sapiens

<400> 11061  
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cgggagtgccc agccatgtcc gacgagagag aggtagccga ggcagcgacc ggggaagacg 120  
cctcttcgcc gcctccgaaa accgagggcag cgagcgaccc cccagc 166

<210> 11062

<211> 196

<212> DNA

<213> Homo sapiens

<400> 11062  
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aaactggaaa agattgggga aggcacctac ggaactgtgt tcaaggccaa aaaccgggag 120  
actcatgaga tcgtggctct gaaacgggtg aggtcggatg acgatgatga ggggtgccc 180  
agttccgccc tccggg 196

<210> 11063

<211> 276

<212> DNA

<213> Homo sapiens

<400> 11063  
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gggtttgaca acaaagactt aatgaagatt gtgataaatt cacacagaca cccaagtaaa 180  
tactcaatgc tattaattca acaataaaaag gaattcctca ggaaaaccga gggcctgcag 240  
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<210> 11064

<211> 214

<212> DNA

<213> Homo sapiens

<400> 11064  
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gggcaagggg gtgaagggga mmagscacta gagcasgtga caaatgtgtc atgcctggag 180  
acaagctcca gcgccasmcc tgctagasac tcgc 214

<210> 11065

<211> 118

<212> DNA

<213> Homo sapiens

<400> 11065  
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<210> 11066

<211> 328

<212> DNA

<213> Homo sapiens

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 gtgtaaagag ataaattatt catgtaaaag tttttcaagt agtgatgatt taattacatt 180  
 gttcgatgtt tgtacaggag taagcatgta tttttatcaa tttaacacag atcaaaggag 240  
 atgaaggagc attctgcat gacatacact taaccaaacc tattcaaat gaaaaccgga 300  
 tttcaaataa ccagacacca agatgcag 328

<210> 11067  
 <211> 209  
 <212> DNA  
 <213> Homo sapiens

<400> 11067  
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 tggctccaga ccctgtgctc ttaactcccg ttttgcatac agaacagaat cctatgaaag 180  
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<210> 11068  
 <211> 428  
 <212> DNA  
 <213> Homo sapiens

<400> 11068  
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 <212> DNA  
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 gagcacgac ccaggaggaa cratcctgca ccatgactca acagccactt cgaggagtga 180  
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<210> 11070  
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 <212> DNA  
 <213> Homo sapiens

<400> 11070  
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<210> 11071  
 <211> 220  
 <212> DNA  
 <213> Homo sapiens

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acctctgcat	ttaaggcaca	ttacagtcta	attctctagg	ctctagaaga	ttagaagata	220
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<210> 11072  
 <211> 437  
 <212> DNA  
 <213> Homo sapiens

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gcccaaaggc	tggaaaaccg	tccacgatga	ccagcatgac	tcagtctctg	cgggaggtga	300
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aggggagaag	ccgtggcttc	taatgaagga	aaagaaagca	ccgtgcttgg	tgccgttgtg	420
agctttgaat	aattatctct	tgtaggttgg	tgttctagta	cgctgtgtaa	ttcaccttag	437
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<210> 11073  
 <211> 269  
 <212> DNA  
 <213> Homo sapiens

<400> 11073						60
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acttttggct	ctggaatata	atgtgcagtt	ctagtggctg	cccacgatga	aaacctaaca	240
gctaattgaa	ctagaaagct	agccacaggg	aattattaag	ttttcacctg	atgccaagaa	269
aatcagatct	tccttaggaa	agacacagg				

<210> 11074  
 <211> 578  
 <212> DNA  
 <213> Homo sapiens

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tcaaactgaa	acaaaattag	aaatgtaatt	atgtttctaag	tgctccaag	ttcaaaactt	240
attggaatgt	tgagagtgtg	gttacgaaat	acgttaggag	gacaaaagga	atgtgtaagt	300
ctttaatgcc	gatatcttca	gaaaacctaa	gcaaacttac	aggtcctgct	gaaactgccc	360
actctgcaag	aagaaatcat	gatatagctt	tgccatgtgg	cagatctaca	tgtctagaga	420
acactgtgct	ctattaccat	tatggataaa	gatgagatgg	tttctagaga	tggtttctac	480
tggctgccag	aatctagagc	aaagccatcc	ccgtcctggt	ttggtcacag	aatgactgac	540
aaagacatcg	attgatatgc	ttctttgtgt	tatttccctc	ccaagtaaat	gtttgtcctt	



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578

<210> 11075  
<211> 363  
<212> DNA  
<213> Homo sapiens

<400> 11075  
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tgtgtagtag gctgtaccat ctaggtttgt gtaagtacac tgtgatgatc ccatgacaga 180  
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caa 363

<210> 11076  
<211> 102  
<212> DNA  
<213> Homo sapiens

<400> 11076  
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acatttctga gtagacagat gtattttttt ttctggtttc cc 102

<210> 11077  
<211> 454  
<212> DNA  
<213> Homo sapiens

<400> 11077  
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cctcttgag ctttcattta ctaatgagga acaaatgata gtcattgtat gacaatgtgt 180  
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ttgtttgttg tttgaaacgg ggtcttgctc tgtcaccag cctggagtgc agtgggtgcga 360  
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<210> 11078  
<211> 220  
<212> DNA  
<213> Homo sapiens

<400> 11078  
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tatacacact cctgttatctc tgggataaga taaatgacca 220

<210> 11079  
<211> 311  
<212> DNA

<213> Homo sapiens

<400> 11079  
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aattggtcwa ttgaraagct ctagtggatg atttcattgt ggagatggag ttgtcagatt 180  
tacagttcgt aaatctagta gccatcacgg atccttaaataaaaacctaga ccctgaattg 240  
cttatgtact ttgcaaggag cttctgcatt cctagtgtat caaaatgttc tcgggtaatt 300  
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<210> 11080

<211> 248

<212> DNA

<213> Homo sapiens

<400> 11080  
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accaccatgt gctatgggaa gtgtgcacga tgcacggac attctctggg ggggctcgcc 180  
ctcctgtgca tcgcggttaa tattttgctt tactttccca atggggaaac aaagtatgcc 240  
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<210> 11081

<211> 439

<212> DNA

<213> Homo sapiens

<400> 11081  
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gatgggggtg gcgcagagaa cattgaaatc agaaaggatt ctgctctgta gagacaaagg 120  
aaacacagag acatagacat ggatctggga aatacacctt ttgctactcg ttcagtttta 180  
gcaaggaggt ttcttgcatt gctaagcaaa acttaaaactt cctctgagaa ttacaggaat 240  
tacaggacct gacaaagcta tgaagattaa aacctatagg aagaaaatct gaaccagaaa 300  
cagtatggca gaattgggat ctgactcaca gagggamgaa cttataattc ttcacaggtc 360  
acatagaagc atgagaattt gggttcaagc aagtnaattc taaatcagaa tccatacata 420  
aagtgtttgc aatgtccag 439

<210> 11082

<211> 288

<212> DNA

<213> Homo sapiens

<400> 11082  
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aggagatgta actatcggrm cntmaggacag tgatccaccc taaagcaaga attattgcgg 180  
aagccggggc aatagtgatt ggcgaaggga acctaataga agaacaggcc cttatcataa 240  
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<210> 11083

<211> 396

<212> DNA

<213> Homo sapiens

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 atttcattgc ttgtcaatgc tcagcaagga agacagccta acagcagccc tcccacctgt 180  
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 accacttctc tacagatgcc tctgctgct tccaactttt ctctttaag gcagggtgaa 300  
 tccaaatcat ggtcttagcc ctgaaggagg caccaaagca gtttcgttgc cctgtgaaaa 360  
 gcttctagag gagctcatct gaatgcttga agaaac 396

<210> 11084  
 <211> 449  
 <212> DNA  
 <213> Homo sapiens

<400> 11084  
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 catcggtgat gtcggaggat ttcaaagtgc gcttaaggag ctggccgctt agatgcccac 300  
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<210> 11085  
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 <212> DNA  
 <213> Homo sapiens

<400> 11085  
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 tcaaggctcg agatcttcgc cattgctgca caagccg 97

<210> 11086  
 <211> 547  
 <212> DNA  
 <213> Homo sapiens

<400> 11086  
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 tttacatcac caacaggtga agaaaacctc atgaatagca atcacagaga ctcgagagag 480  
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 gaacaac 547

<210> 11087  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 11087  
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 gcgaaatagt aagttgctgg cgaaatatag ccccccttcc gaaactcctg acctcttctt 180  
 ccaccccggc cagggcccg cgtccaagttc ccggtgcagg cccaccccc gaatcttgac 240  
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<210> 11088  
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 <212> DNA  
 <213> Homo sapiens

<400> 11088  
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 aaaaccatgt actgtatctg tatttctggt ctgaaccttc tggatgtata ctagtcttcc 120  
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<210> 11089  
 <211> 455  
 <212> DNA  
 <213> Homo sapiens

<400> 11089  
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<210> 11090  
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 aagctcggcc gctactccgc cctgttcctc ggtgtggcct acggagccac gcgctacaat 180  
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<210> 11091  
 <211> 124  
 <212> DNA  
 <213> Homo sapiens

<400> 11091  
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124

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<212> DNA  
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<212> DNA  
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<210> 11094  
<211> 311  
<212> DNA  
<213> Homo sapiens

<400> 11094  
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<210> 11095  
<211> 230  
<212> DNA  
<213> Homo sapiens

<400> 11095  
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005199-02400

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<210> 11097
<211> 303
<212> DNA
<213> Homo sapiens
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4806

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<210> 11101  
 <211> 128  
 <212> DNA  
 <213> Homo sapiens

<400> 11101						60
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tagtaaaa						

<210> 11102  
 <211> 499  
 <212> DNA  
 <213> Homo sapiens

<400> 11102						60
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<210> 11103  
 <211> 476  
 <212> DNA  
 <213> Homo sapiens

<400> 11103						60
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cgctattact	gtaactgctg	tttatatcgt	catgtcccgg	aaagggtccct	gtcttccttg	240
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cgacaagaaa cagcagcaag aaatcctggc ggcgaacctg gactaaggat caccattact	420
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<210> 11104  
 <211> 204  
 <212> DNA  
 <213> Homo sapiens

<400> 11104	60
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tgtctacctg gagacagcca ggcctattcc cttctgggtc tccagtgtcc ctttttctca	204
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<210> 11105  
 <211> 326  
 <212> DNA  
 <213> Homo sapiens

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ctgagacatc tcattagcat aagctatcag gtgtaattta agggagcagc atagataaga	240
aaacctgtgt aactcataaa attccaactg tttagatgtt gcctcccaga aactgaaaac	300
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 <213> Homo sapiens

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ccttgccatt gtttcacctt gtacttttat gttatggaga cggcttcttt ccttaaacct	182
ca	

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<210> 11108  
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<213> Homo sapiens

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gaatgaaagg	ccttgtaag	gagttttttg	tgagctttac	ttctttggaa	tggaatatac	180
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<210> 11109

<211> 468

<212> DNA

<213> Homo sapiens

<400> 11109

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ggaaaaggat	cctctagtag	ccacgggtgtg	gcagctgctc	tgaaccagga	cctggaccgg	180
gacccaaagt	gccatgtctt	taatgttagc	tcccagcgat	gccagatggg	atcagcacag	240
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ctttaaagga	atgaagcaac	tgagattatt	ctggaaaacc	ttttggcagt	tagtgaaatt	360
agagtacaac	taagaacatt	ttcagacctc	cactgtggat	gacctnggta	taatctcaca	420
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<210> 11110

<211> 165

<212> DNA

<213> Homo sapiens

<400> 11110

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<210> 11111

<211> 571

<212> DNA

<213> Homo sapiens

<400> 11111

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attttcagac	ctccactgtg	gatgacctng	gtataatctc	acaaatcgat	gggactgcag	540
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<211> 183

<212> DNA

<213> Homo sapiens

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 ccc 183

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 tgccccgtct gcgtagactg cgcastcgga gtcaaagatt cgttctggcc agagaggaga 180  
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<210> 11114  
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 <213> Homo sapiens

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 aataggagct tgctccgtcc actccacgca tcgacctggt attgcagtac ytccaggaac 180  
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<210> 11115  
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 <212> DNA  
 <213> Homo sapiens

<400> 11115  
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<210> 11116  
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 <212> DNA  
 <213> Homo sapiens

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 ccgtccactc cagcatcga cctgggtattg cagtacctcc aggaacgggtg caccctcc 240  
 ggggatacaa cgtgtttcct aanagtggag ggaggtgaga gacggtagca cctgcgggnc 300

ggcttgacg ccgagtgcct gtganngcgc cggttgact taactgct

348

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<212> DNA  
<213> Homo sapiens

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caggattgtg ggacgcgcca agrctgctgt ctttcccagc agcagcgga gatgtcggac 180  
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ccgaggtaga cgaagagcgg cgagtgacag cgggcagtga gaaagaagaa gagcctgagg 300  
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accgaccccc caagaaaccc cgccatggag gcttcattct ggacgaggct gatgttgacg 420  
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agattgaagc 490

<210> 11118  
<211> 415  
<212> DNA  
<213> Homo sapiens

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ttttccgagg aggaggacag cgagcgcasa gtgacggcga ggaggccgag gtagacgaag 180  
agcggcggag tgcagcgggc agtgagaaa aagaagagcc tgaggacgaa gaggaggagg 240  
aagaggagga ggaatacagat gaggaagagg aggaagaaga tgatgaccga cccccaaga 300  
aaccgcgcca tggaggcttc attctggacg aggctgatgt tgacgatgag tatgaggacg 360  
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<210> 11119  
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<212> DNA  
<213> Homo sapiens

<400> 11119  
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attgcaaaa cgagcctgcc ggaagcgccc taagggttt tcttctccca gggaaccagc 180  
ggggaaactg aggtctgggg tggagcgag gattgtggga cgcgccaagr ctgctgtctt 240  
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gcagtgagaa agaagaagag cctgaggacg aagaggagga ggaagaggag gaggaatacg 420  
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gagcagagga cattctagag aaagaagaga ttgaagc 577

<210> 11120  
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<212> DNA  
<213> Homo sapiens

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caggcggtgg gtgggaatgc ctacttcag tttgaagagg gtccggatcc aaaggggtta 180  
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<210> 11121  
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<210> 11122  
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<212> DNA  
<213> Homo sapiens

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<210> 11123  
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<212> DNA  
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<400> 11123  
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atggggcttg atcgggtctca a 441

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ttgcttggtt ctccctccac tgggcgtgag agccctgccc caggaggccc aggacaaatg 180  
gccccatagt ggaaactggg aagcttttag gcatctgac agagcggggag c 231

<210> 11125  
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 <212> DNA  
 <213> Homo sapiens

<400> 11125  
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 tccccctcc gggctctcctc gatttcctga gagccggaat ccgactgtag ggggaagaaa 180  
 gactcaagag cagatgcttg aactgaaata actttatttt gggggggttac ttgctgacc 240  
 cttagcgcag ggctt 255

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 <211> 278  
 <212> DNA  
 <213> Homo sapiens

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 ttccgactac acaagggaga aaacgcggag gtgacactct cctgcctgga aagaggacga 180  
 acgaccaaac aaacgcaagg actggactcc atgccgaagt atctggaagt cgtgacacgg 240  
 nntgtataaa acaaaagttt gcgagctggt aattgctg 278

<210> 11127  
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<400> 11127  
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 cgagatggg tctcactctg tcacccagac tggagtgcag tgagtgggtg gatcatagct 180  
 tactgcagcc tgaaactcct gggctcaagt gatcttctcg cctcagcctc ctgagtagct 240  
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caagaagaca	aagtctagtt	cagaggagag	tagatccgag	atatatggtc	ttgttcagcg	360
ttgcgtaatc	atccagaaag	atgacaatgg	atttgggctg	acggtcagtg	gagacaatcc	420
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 <212> DNA  
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 <212> DNA  
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cttaaaaacg	cagctggaat	taatgggcgg	aacaatctga	ttcaacagaa	gactgccgca	360
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 <212> DNA  
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aagaagaacg atgagacaaa cgctgcctcc ctgactccac tgggcagcag tgaactccgc 360  
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<210> 11133

<211> 450

<212> DNA

<213> Homo sapiens

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<210> 11134

<211> 324

<212> DNA

<213> Homo sapiens

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 agtcaagaac catttccaaa caaggacatg gagggaaggc ttcctaagggt aagatcctta 240  
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<210> 11135

<211> 712

<212> DNA

<213> Homo sapiens

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<210> 11136  
<211> 357  
<212> DNA  
<213> Homo sapiens

<400> 11136  
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<212> DNA  
<213> Homo sapiens

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gagaagacag gactgaagca ctgaaagggc cctgccgtta agggcgcagg attgtataga 180  
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tgcatttcct cctttcgtct ttacaaggta gccgtttggc gtcgtgagag attgggtctc 300  
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cccaaagtac tgggattaca 380

<210> 11138  
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<212> DNA  
<213> Homo sapiens

<400> 11138  
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agacttacaa gtcgagcagg tgcgaaagca ggacttagtg atccggctgt acattgtgga 480  
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<210> 11139  
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<212> DNA  
<213> Homo sapiens

<400> 11139  
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gayyggggac	mgtgyatgg	rggcagtttg	actggggcgg	tctcctccca	aagmgtaacg	300
gaggagtctg	aaggtagcgt	agktacggtc	ggamatcgtg	acgatagtgc	aatggcataa	360
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<210> 11140  
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 <212> DNA  
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gccagcggga	acttcattgc	aggccgtgtg	tcaccctgac	cacgtctatc	tctgggggtc	240
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<210> 11141  
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 <212> DNA  
 <213> Homo sapiens

<400> 11141						60
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ctttatatcc	tgacactatg	aatgctactt	ggatgcctct	taagggtctc	ttctgcaggg	240
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tcatagactt	tcagctactt	gaagatagcc	atcagccgct	acgtgactct	tttctccagg	478
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<210> 11142  
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 <212> DNA  
 <213> Homo sapiens

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tcaccactga	tcttcagtc	acctcacaga	gctctataaa	acgcttaaat	cctctttaca	420
tcatagactt	tcagctactt	gaagatagcc	atcagccgct	acgtgactct	tttctccaga	473
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<213> Homo sapiens

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<210> 11144

<211> 140

<212> DNA

<213> Homo sapiens

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ctgcccattc gtcaggacac ccacccaccc agtggtatat tctgcctcgc cggagtgggt 120  
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<210> 11145

<211> 217

<212> DNA

<213> Homo sapiens

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gaggagagga cctacaagaa cggaggacag gggcgacga tggccccggg gggagcggaa 180  
acaaaggcac gcaaaacgga aaagcgtgtg tagggga 217

<210> 11146

<211> 242

<212> DNA

<213> Homo sapiens

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agcgatccct ctccccgggg cctggccgcg cgctgctgtg ttctggaang ggctcattgt 180  
acagtcaagg cggcaggaat cctcttcacg tatctcacca atatgttttg tggactctga 240  
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<210> 11147

<211> 419

<212> DNA

<213> Homo sapiens

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gatccctctc cccggggcct ggccgcgcgc tgctgtgttc tggaangggc tcattgtaca 360  
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<210> 11148  
 <211> 137  
 <212> DNA  
 <213> Homo sapiens

<400> 11148  
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 aaggccctca ggtggaggaa gggcctcagg tggaggtagg acctgtgctg gccgcgggag 120  
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<210> 11149  
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 <212> DNA  
 <213> Homo sapiens

<400> 11149  
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<210> 11150  
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 <212> DNA  
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<400> 11150  
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 gatgggggtca agaggaccac tccccctcaa acccacagca tcattatttc tgaccaagtc 180  
 ccgagcgacc aggacgcaca ccagtacctg aggtctcgcg accaaagcga ggcgacacag 240  
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<210> 11151  
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 <212> DNA  
 <213> Homo sapiens

<400> 11151  
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<210> 11152  
 <211> 353  
 <212> DNA  
 <213> Homo sapiens

<400> 11152  
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 gttacttatc actttactca tggagaatta aaacgtaatg tttttcaact gtatctttct 240

ttaactggat aatactgcta tatgatatgc ttactacaga ctgcattaat tcacgaaacg 300  
aattctgtta tgctgtaatt tgaactctcc tcaccacaac ttattaaaaa ggc 353

<210> 11153  
<211> 219  
<212> DNA  
<213> Homo sapiens

<400> 11153  
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<210> 11154  
<211> 221  
<212> DNA  
<213> Homo sapiens

<400> 11154  
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<211> 273  
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gcagagcctt ttacagaata ttggacttgc attgattata ctggccagca gttatttcgt 240  
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<210> 11156  
<211> 605  
<212> DNA  
<213> Homo sapiens

<400> 11156  
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<210> 11157  
 <211> 199  
 <212> DNA  
 <213> Homo sapiens

<400> 11157  
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<210> 11158  
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 <212> DNA  
 <213> Homo sapiens

<400> 11158  
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<210> 11159  
 <211> 213  
 <212> DNA  
 <213> Homo sapiens

<400> 11159  
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<210> 11160  
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 <212> DNA  
 <213> Homo sapiens

<400> 11160  
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 aaatgaa 127

<210> 11161  
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 <212> DNA  
 <213> Homo sapiens

<400> 11161  
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<210> 11162

<211> 299

<212> DNA

<213> Homo sapiens

<400> 11162  
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 ctgtacaact ggatgaacac aggagcagtg cactacatat gggactggaa ccatgaatga 240  
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<210> 11163

<211> 386

<212> DNA

<213> Homo sapiens

<400> 11163  
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 aggaaatacc tgccaaagga agtatgtatt gcattaatca gggcataact aatattctcc 360  
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<210> 11164

<211> 475

<212> DNA

<213> Homo sapiens

<400> 11164  
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 aattgctgca gttattgaaa cgggtgtgaag acggattcct tggttgataa attgctatca 360  
 ttctaaaagtc atggacttca ctttcggcaa caaaactaaa taaggatgga acattttattg 420  
 aatgaaaaat gcacttttgt ttttccattt ttttaataa taaaaatcag acaaa 475

<210> 11165

<211> 411

<212> DNA

<213> Homo sapiens

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aattgctgca	gttattgaaa	cggtgtgaag	acggattcct	tggtwgataa	attgctatca	360
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<210> 11166  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 11166						
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ccagtaatta	aatgaagat	actttatgta	aatatgacca	gcgttgaaac	taaaagttga	180
gtgtaactgc	agtaaaattg	aataaataatc	tgcattccag	natttctaca	gacagttcaa	240
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<210> 11167  
 <211> 322  
 <212> DNA  
 <213> Homo sapiens

<400> 11167						
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ccagaatttc	tacagacagt	tcaaggaaat	tgctgcagtt	attgaaacgg	tgtgaagacg	180
gattctttgg	ttgataaatt	gctatcattc	taaagtcatg	gacttcactt	tcggcaacaa	240
aactaaataa	ggatgkaaca	tttattgaat	gaaaaatgca	cttttgtttt	tccatttttt	300
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<210> 11168  
 <211> 270  
 <212> DNA  
 <213> Homo sapiens

<400> 11168						
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cttctttgat	aatattttctt	gtgatgacaa	tagagaacgg	agaccaacct	gggctgaaga	120
aagragatta	aatgctgaaa	catttggaat	cccacttcgt	caaaccgtg	gccgtggggg	180
atacagaggc	agaggaggct	ttggtttccg	tggtggcaga	gggctgggtg	gtggcagagg	240
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<210> 11169  
 <211> 287  
 <212> DNA  
 <213> Homo sapiens

<400> 11169						
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ttcttaatca	gcatccctca	tacatctcat	tctgaaatag	aaaactaaat	ctatcttctc	180
ccctaaacct	gttccggttct	tcctatgtct	cctacttcag	tgcaaacct	caaaaacgac	240

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287

<210> 11170  
<211> 311  
<212> DNA  
<213> Homo sapiens

<400> 11170  
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<212> DNA  
<213> Homo sapiens

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<210> 11172  
<211> 636  
<212> DNA  
<213> Homo sapiens

<400> 11172  
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cccggttccc cggcccacag tgggggtgtg caaaccogag agaactggtc gctgaaacct 180  
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<211> 640  
<212> DNA  
<213> Homo sapiens

<400> 11173  
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cccggttccc cggcccacag tgggggtgtg caaaccogag agaactggga agtgccgtca 180  
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gcacccagaa	ggaaacctca	tcaggactcc	ctcagaaaagg	ccctgaagaa	tcctgtgacc	600
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&lt;210&gt; 11174

&lt;211&gt; 553

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11174						
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gggtgtaraa	acatgcttct	tatgtatcag	aggacatgct	cagcagatcc	aagagatata	480
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&lt;210&gt; 11175

&lt;211&gt; 689

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11175						
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atngcgtacc	cactgcagag	tgctgaagac	ggggtagcca	cgaggttgca	aattcgtgaa	360
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&lt;210&gt; 11176

&lt;211&gt; 368

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11176						
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aacatgcttg ccttatgtat cagaggacat gctcagcaga tccaagagat atatttggca 300  
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<212> DNA  
<213> Homo sapiens

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gactccctca gaaaggccct gaagaatcct gtgaccttca tctaaagtag gtcagagac 360  
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<210> 11178  
<211> 425  
<212> DNA  
<213> Homo sapiens

<400> 11178  
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gagtattgga gccaggagcc tgccatgagg ttttgagaac agagtgtgtg ttttagagctg 180  
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agtagctgcc atcagtttgg attctgaaaa ctaactggca tcaacactgg gtgtagaaac 300  
atgcttgcc tttgtatcag aggacatgct cagcagatcc aagagatata tttggcaact 360  
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ttttt 425

<210> 11179  
<211> 456  
<212> DNA  
<213> Homo sapiens

<400> 11179  
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cccgggtccc cggccacag tgggggtgtg caaaccgag agaactgggt tgcaaattcg 180  
tgaagaatca gcatcatgtt tggcagctga gtattggagc caggagcctg ccatgaggtt 240  
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actaactggc atcaacactg ggtgtagaaa catgcttgcc ttatgtatca gaggacatgc 360  
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<210> 11180  
<211> 464  
<212> DNA  
<213> Homo sapiens

<400> 11180

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cccggttccc	cggccacag	tgggggtgtg	caaacccgag	agaactgggt	tgcaaattcg	180
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<210> 11181  
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 <212> DNA  
 <213> Homo sapiens

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cccggttccc	cggccacag	tgggggtgtg	caaacccgag	agaactgggt	tgcaaattcg	180
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<210> 11182  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

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gaaattgggc	ccaacaaaac	taattgaata	attgaggcag	atttgtgtgt	atcatcaaat	240
tctatccaga	agttgaagaa	tctgaattta	aagatttgtg	gcatttaata	agaggat	297

<210> 11183  
 <211> 319  
 <212> DNA  
 <213> Homo sapiens

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gtgtttgtgt	atatatacat	atctagggct	agtacttagt	ttcacaccg	ggagctggga	240
gaaaaaacct	gtacagttgt	ctttctctta	tttttaataa	aatagaaaaa	tcgcgcactt	300
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<210> 11184  
 <211> 424  
 <212> DNA  
 <213> Homo sapiens

<400> 11184  
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 taggaagtga aaagataatt caccaaacia tgattaatca gatagaagtt ctagtcaaga 180  
 gggatattgt tgaagttacc tcttttagcc tagatacatg gattcttttc aaatcaggaa 240  
 agattagaaa aggaacccaa aaaacctttt aacagtgtga atctttatag tatttgaaaa 300  
 tgagaagaag cagcagattg taatttggtt tattggatgt gatggacgtt ctgtaataga 360  
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 caga 424

<210> 11185  
 <211> 393  
 <212> DNA  
 <213> Homo sapiens

<400> 11185  
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 caccacttgt ggctgtccca gagtgcggtt gtacatcctc cccacctcat aacgcagcca 300  
 ctgaggaaga gtgggtttcc taagaagaca ttgctggagt tgactttctt ctgtccaaac 360  
 aaacaacaaa aaactaaaca cacacacaaa ccc 393

<210> 11186  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 11186  
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<210> 11187  
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 <212> DNA  
 <213> Homo sapiens

<400> 11187  
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<210> 11188  
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<211> 228
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<213> Homo sapiens
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tgggactcgc	gatctgagcc	tccctgctga	ggcacaggct	gggaatcccc	ggcctgggtt			228
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<212> DNA
<213> Homo sapiens
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tttaattaat	ttgggggttca	ttttgcttcc	ttttctttat	gcttagatta	tcttactggt		452
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<211> 1355
<212> DNA
<213> Homo sapiens
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caatagatag	agatgacatc	ttgatgactc	ttgaaatatg	gaaattttgt	ctgaagatca	540
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&lt;210&gt; 11192

&lt;211&gt; 340

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11192

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&lt;210&gt; 11193

&lt;211&gt; 475

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11193

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&lt;210&gt; 11194

&lt;211&gt; 454

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11194

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caggaaacta	ttaaaatttg	ctcgatcagt	agtcatagga	wttggtataa	gaagagactc	420
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&lt;210&gt; 11195

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 <212> DNA  
 <213> Homo sapiens

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<210> 11200  
<211> 309  
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tatttgggt 309

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<212> DNA  
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<213> Homo sapiens

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<210> 11204

<211> 496

<212> DNA

<213> Homo sapiens

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<210> 11205

<211> 296

<212> DNA

<213> Homo sapiens

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<210> 11206

<211> 543

<212> DNA

<213> Homo sapiens

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<210> 11207

<211> 205  
 <212> DNA  
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<400> 11207  
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<210> 11208  
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 ccactagacc atgccttgca ttagctccag atagcccagr aatg 164

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 <212> DNA  
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 ccgcaattgg aaaggatata tgtggcaata ttaacctggg acatgaatat atggggataa 180  
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 ctttatctgc tttgtcacct ttttgtttcg gtggggtaaa ccctgaaata attgttccat 180  
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<210> 11211  
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 cttccttcat atgaggaaga tcagggatca aaactcattc gaaaagctaa agaggcacca 180  
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 gcaaaaccta agccttagaa gaagagatgc tgtcttggtc ttgttgragg agcttgcttt 420  
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<210> 11212  
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 <213> Homo sapiens

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 cgcg 424

<210> 11215  
 <211> 309  
 <212> DNA  
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<400> 11215  
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<210> 11216  
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<212> DNA  
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<210> 11217  
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<400> 11217  
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<210> 11218  
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<212> DNA  
<213> Homo sapiens

<400> 11218  
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<212> DNA  
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<210> 11220  
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<212> DNA  
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<400> 11220

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 <212> DNA  
 <213> Homo sapiens

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<210> 11224  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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<210> 11227  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA

<213> Homo sapiens

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<210> 11229

<211> 129

<212> DNA

<213> Homo sapiens

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<211> 346

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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<211> 161

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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gctgctgtca cccttgcttg 380

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<212> DNA  
<213> Homo sapiens

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<212> DNA  
<213> Homo sapiens

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cttttctga 249

<210> 11236  
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<212> DNA  
<213> Homo sapiens

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agccctccac accacggatg ggctgcagac acaaactgga cagcgaggac aaggacaaag 180  
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<212> DNA  
<213> Homo sapiens

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<210> 11238  
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<213> Homo sapiens

<400> 11238  
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gccaaagttt ttgtgtgtgt gaaacacttc aaaactgatt taaaagatgt aaatttaaaa 180  
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<210> 11239  
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<210> 11241  
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 ca 182

<210> 11242  
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 cggggagtga agaagggtt ccgcgcgcc ttccgcttcc agaaggagt agagcggcag 180  
 cgctttctgc ggtgcccgc gccgcccgtg cgccgttcag agaagccgaa ctgggattac 240  
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 <212> DNA  
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 aatannaaaa gaaagaaaat aaattaaaaa attaaacccc aaacaaaatt ttgaagtaa 300  
 tanaaaaagk saataatttt ggactcctgg cattagctac tatgatgacc tatttatctc 360  
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 catcacaaag gagctacaag agcctggaag aagctgaaga ctgctaccct ccatccttac 240  
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<400> 11248

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&lt;210&gt; 11253

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11253

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&lt;210&gt; 11254

&lt;211&gt; 312

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11254

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&lt;210&gt; 11255

&lt;211&gt; 181

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11255

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g						181

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&lt;211&gt; 456

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11256

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<212> DNA

<213> Homo sapiens

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<210> 11262

<211> 213

<212> DNA

<213> Homo sapiens

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<210> 11263

<211> 414

<212> DNA

<213> Homo sapiens

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gcgaatcacc attgagatgg tcatttggat catgtaaaca aaccgtgtca tgtctctgat 360  
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<211> 264

<212> DNA

<213> Homo sapiens

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gtgctgaaaa ctgtatatatt agcagtagca cccaaaacca agcctttaac cccaacaatg 180  
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<210> 11265

<211> 156

<212> DNA

<213> Homo sapiens

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<210> 11266  
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 <212> DNA  
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gtgtctgaag gtgtattgag tgattttgtg gagggcagaa gtaggaagtc tttgggacaa	180
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gcagtggaaat agctastatg gcttctggaa tcctgggttaa tgtaaaggag gaggtgacct	300
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 <212> DNA  
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 <212> DNA  
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gggggaagtg ccagtgaagt gagcagtcag aacacacatt tggtgattaa gtttgcaacc	180
ttctatgggc acagtttgtg atgccccaaa acaattgcaa tagtaatatc acagatcact	240
gacacaggat aatcataaca aatataataa taaaaatttg aaaccttttt gctgtaggcc	300
cgggtgggtg ctgccgaaat gggcaagttc atgaaacctg ggaaggtggt gcttgtcctg	360
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 <213> Homo sapiens

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gggggaagtg ccagtgaagt gagcagtcag aacacacatt tggtgattaa gtttgcaacc	180
ttctatgggc acagtttgtg atgccccaaa acaattgcaa tagtaatatc acagatcact	240
gacacaggat aatcataaca aatataataa taaaaatttg aaaccttttt gctgtaggcc	300
cgggtgggtg ctgccgaaat gggcaagttc atgaaacctg ggaaggtggt gcttgtcctg	360
gctggacgct actccggacg caaagctgtc atcgtgaaga acattgatga tggcacctca	420



gatcgcccct acagccatgc tctgggtggct ggaattgacc gctaccccac atgtctctac 480  
 taaaaataca aaaaaattag ctgggtkggg ggcaggctcc tgtaantca gctactcagg 540  
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<210> 11270

<211> 694

<212> DNA

<213> Homo sapiens

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 gggggaagtg ccagtgtgtg gagcagtcag aacacacatt tgttgattaa gtttgcaacc 180  
 ttctatgggc acagtttgtg atgccccaaa acaattgcaa tagtaatc acagatcact 240  
 gatcacggat aatcataaca aatataataa taaaaatttg aaaccttttt gctgtaggcc 300  
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 gctggacgct actccggacg caaagctgtc atcgtgaaga acattgatga tggcacctca 420  
 gatcgcccct acagccatgc tctgggtggct ggaattgacc gctacccccg ccggctcggg 480  
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 gctcatcac cacaagaga aaggcgagga agtctgcaga caatgttgtg agcaggcata 600  
 caagaggcct aggtttttna ctatttacat tttcattcat ttagtcattc aacacaaatr 660  
 ataattcctt ttaagttcta ggcactttgc aggg 694

<210> 11271

<211> 306

<212> DNA

<213> Homo sapiens

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 gacaaaactg tcgtcaataa ggatgtcttc agagatcctg ctcttaaacg caaggcccga 240  
 cgggaggcca aggtcaagtt tgaagagaga tacaagacag gcaagaacaa gtggttcttc 300  
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<210> 11272

<211> 547

<212> DNA

<213> Homo sapiens

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 gggggaagtg ccagtgtgtg gagcagtcag aacacacatt tgttgattaa gtttgcaacc 180  
 ttctatgggc acagtttgtg atgccccaaa acaattgcaa tagtaatc acagatcact 240  
 gatcacggat aatcataaca aatataataa taaaaatttg aaaccttttt gctgtaggcc 300  
 cgggtgggtg ctgccgaaat gggcaagtgc atgaaacctg ggaagggtgt gcttgctctg 360  
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 ggacaaaact gtcgtcaata aggatgtctt cagagatcct gctcttaaac gcaaggcccg 480  
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<210> 11273  
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 ccggagtagc gtccagccag tagtaacccc cctcccagag ttgtgataac caaaatgtct 240  
 gtaaaccatt ccatgtcccc tgggggacaa aatcaccttg ttgagaacca ccaccctgaa 300  
 gccattcagc tcctcaagag aagcattcta actcctagtt ctagttattg a 351

<210> 11274  
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 <212> DNA  
 <213> Homo sapiens

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 gggggaagtg ccagtgtgtg gagcagtcag aacacacatt tggtgattaa gtttgcaacc 180  
 ttctatgggc acagtttgtg atgccccaaa acaattgcaa tagtaatatc acagatcact 240  
 gatcacggat aatcataaca aatataataa taaaaatttg aaaccttttt gctgtaggcc 300  
 cgggtggttg ctgccgaaat gggcaagtgc atgaaacctg ggaagggtggt gcttgcctg 360  
 gctggacgct actccggacg caaagctgtc atcgtgaaga acattgatga tggctttgcg 420  
 tccggagtag cgtccagcca gtagtaaccc ccctcccaga gttgtgataa ccaaaatgtc 480  
 tgtaaaccatt gccatgtccc ctgggggaca aaatcacctt gttgagaacc accaccctga 540  
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<210> 11275  
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 <212> DNA  
 <213> Homo sapiens

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 catgggcaag aagaagatcg ccaagagatc aaagataaaa tcttttgtga aagtgtataa 180  
 ctacaatcac ctaatg 196

<210> 11276  
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 <212> DNA  
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 aaaactgtga cgattggctt tggagtaacc ctgtgtgctg ttcctattgc acagaaatca 240  
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<210> 11277  
 <211> 191  
 <212> DNA  
 <213> Homo sapiens

<400> 11277  
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 ccttgcgcaa gtactatgaa aactgtgagg ttgtcatggg caacctggag ataaccagca 180  
 ttgagcaca c 191

<210> 11278  
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 <212> DNA  
 <213> Homo sapiens

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 aattgcagga gctgagtgg aaacaggaag ccttatggca agagtgtcag ggatgggtggc 120  
 ctgtggaaaa aacggggaag gagaagagaa gggg 154

<210> 11279  
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 waaaagcaat ggtaaattaa rktgtcttcc aaaactgtgt acttgtctgg tcagctgtgt 180  
 aatcagttat ctacctc 197

<210> 11280  
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 caagaagcgc catttatctt cccgtgcgct ctacaaatag ttccgtgaga aagatggccg 240  
 ggaactcgat cctgctggct gctgtctcta ttctctcggc ctgtcagcaa aacaaaactg 300  
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<210> 11281  
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tggcaaggta actacgtttt tgaaccttga aaactgttct actttagggc attttggatt 180  
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 gtagggg 307

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<210> 11283  
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 gacagttgaa actatggatt attttcatca tttattctag caactgatgc atttcaaaat 180  
 gttttgaata g 191

<210> 11286  
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 <212> DNA  
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 actgtagtag aa 312

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 agaagacagg atgatgaagt gccctggggg ccagagtcca gacaagtatt ttggcacctc 180  
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 gtgaggtctg gagggtcaaa tttaccctgg ccaagatccg caaggccgcc cgggaactgc 240  
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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11296

&lt;211&gt; 398

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11297

&lt;211&gt; 382

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&lt;213&gt; Homo sapiens

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&lt;210&gt; 11298

&lt;211&gt; 455

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 <212> DNA  
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agcaggtggt	gaacatcccc	tccttcattg	tccgcctgga	ttcccagaag	cacatcgact	471
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 <212> DNA  
 <213> Homo sapiens

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atcacaagg	cgtattacag	aggtgcagca	ggagctttac	tagtttacga	tattacacgg	480
agagatacat	tcaaccactt	gacaacctgg	ttagaagatg	cccgccagca	ttccaattcc	531
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<210> 11301  
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 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
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gttcggccat	gtcagaagg	gcattttacc	ttttgacaag	gagactggct	ttcacagagg	360
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456

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ggcccgag aacgggcgag acctcagtgt gggaagggg tacctgaaat ttggtgtatc 180  
gggaggg 187

<210> 11304  
<211> 108  
<212> DNA  
<213> Homo sapiens

<400> 11304  
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<210> 11305  
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<212> DNA  
<213> Homo sapiens

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gatg 304

<210> 11306  
<211> 448  
<212> DNA  
<213> Homo sapiens

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ggataaagat ttgattttta aaacaagctt tgaattnaaa gcaaaaaaag atgaacgtta 180  
tagttttaaa atcaatatta gcagagccat agataggctg agctcttatt tgggggttctg 240  
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<210> 11307  
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<212> DNA  
<213> Homo sapiens

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<210> 11308  
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 <212> DNA  
 <213> Homo sapiens

<400> 11308  
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 ataaaatggc acacttgat agggcaccct taccatgaat ggagcttgca ggactgaaag 180  
 ctgctctggg gttgttagtg gacatcatcc gagcaaaact tgaaaagtgc ttatatgact 240  
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<210> 11309  
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 <212> DNA  
 <213> Homo sapiens

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 tttaaaacag aaaaggagtt tatgcaacat gcccgaaaag caggattggt tattcctcca 240  
 gaaaaatcgg accgttccat acatstggcc tgtacaggtg aggtatttct gggaccctga 300  
 cctgggatcc ttctgtcaga gatcttctgg aacttgggat gacttggact atgattgata 360  
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<210> 11310  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

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 ttctatcgc agggagcttt taagaaatat taatttccta tacatttttc caatcmccat 240  
 gcaaactgtt cctgtttaca taccttctct gttgtatcag tactttgagt gagaagacag 300  
 tttatttaaa acttgagcag gctgttcagc attttttctg cttctgaaat ctgtatagta 360  
 cactgggttg taatcattat gtcttcattg aaatccttgc tacttctctt cctcc 415

<210> 11311  
 <211> 323  
 <212> DNA  
 <213> Homo sapiens

<400> 11311

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 tgcactccag cctggcgaca gagcgaggct ccgtttcaaa aaaaaaagtg cacaatgtag 180  
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<210> 11312  
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 tccttaggaa gagatagaag gcacagaaga tcacagctag agaattgaga attaaactata 180  
 ctactagcca ttttagggca ccaaaacttg ggattaaaca ctctctactt cccactccca 240  
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<210> 11313  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

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 gacactgagg cccagtgaag tcaaagggtg gctgcccggg gtcattgtagt cctgtgtgtg 360  
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<210> 11314  
 <211> 316  
 <212> DNA  
 <213> Homo sapiens

<400> 11314  
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 gtgctgaaa tacacctacg gtttctgggc agcgtttatc agtggttgga agaacagAAC 240  
 ccctaggaac cctgctgtca gcacgcagag tgtaaagtct agatcaagg attcggagaa 300  
 aggtctctac aggtcc 316

<210> 11315  
 <211> 417  
 <212> DNA  
 <213> Homo sapiens

<400> 11315  
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aattattttt	aaggcatttt	cttgacttag	caatgtattc	ttagagtggc	gactgaatgt	360
gcatacctca	atgatccatg	ttttactcat	tctagggtc	cccaggccac	ccagggcaac	420
caggccctcc	tggacctcct	gggtcccctg	gtccttgctg	tggtgggtgt	ggagccgctg	479
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 <212> DNA  
 <213> Homo sapiens

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cctttgggaa	accagagcat	tggctaaact	ggaacctgaa	aaaataatca	catcaactca	240
gccacatggt	aataatattt	agagtattat	ttcaacattt	tcattttcat	aaaaattttt	242
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 <212> DNA  
 <213> Homo sapiens

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agtgaatagg	aataacaatgc	atttcctcag	tgatcactga	ttagaatgag	ttgggtgggat	240
ccttggaag	ccaaacggag	cggagtctctg	gatcatgtcc	catccagtcc	agtgaatcca	256
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<210> 11319  
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 <212> DNA  
 <213> Homo sapiens

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tcaaagggtgc	tagctccctg	attcaaagaa	atattttctca	tgtttgttca	ttctagttta	180
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caaaacgggt	ggttgaagat	aattcatttt	aatcgtaatg	tatttttagtg	tgaattttaa	480
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&lt;210&gt; 11320

&lt;211&gt; 440

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11321

&lt;211&gt; 429

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11322

&lt;211&gt; 318

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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gaaaagctcc	tgaccacttt	ctttcattac	caaaactttg	tagctgatgt	ccaaccgatg	318
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&lt;210&gt; 11323

&lt;211&gt; 163

&lt;212&gt; DNA

<213> Homo sapiens

<400> 11323  
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<210> 11324

<211> 405

<212> DNA

<213> Homo sapiens

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<210> 11325

<211> 465

<212> DNA

<213> Homo sapiens

<400> 11325  
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<210> 11326

<211> 235

<212> DNA

<213> Homo sapiens

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cgctacgga cggaaaagaa aagttgatta caaacgggac catattttgc ttcgaaatgg 180  
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<210> 11327

<211> 329

<212> DNA

<213> Homo sapiens

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 ttccaactaa tttgccattg taaataagta aatatttggc ttttcaaata atttcatagc 180  
 agctgggctt atctgtagaa tcttagcttt tcttcactct tgattctagg ctgttccagg 240  
 aagaaaataa ttagggatta atacctaaaa taattctcct tctcaataat gcccttaaaa 300  
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<210> 11328  
 <211> 630  
 <212> DNA  
 <213> Homo sapiens

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 ggtaattgtt tttaatgatg gataaacttg tgctgggtgt ttggatctta tgatgctgag 180  
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<210> 11330  
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 <212> DNA  
 <213> Homo sapiens

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 cgaggtgaa ggagccggga cgcggggctc tgggcctcgg gaactgagcc ggtactcacc 180  
 tccgcccctt ctcccgtcg ctgtccgcag ccatggccct acgctaccct atggccgtgg 240  
 gcctcaacaa gggccacaaa gtgaccaaga acgtgagcaa gcccaggcac agccgacgcc 300  
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<210> 11331  
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gatgaccaga atccttatac tgagtcagt gatattcttg aagatcttgt catagagttt 180  
atcactgaaa tgactcaca ggcaatgtca attggaagac aaggctcagt acaagttgaa 240  
gatatcgtct tcttgattcg aaaggaccca aggaagtttg ccagggttaa agacttgctt 300  
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<212> DNA  
<213> Homo sapiens

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ggaaagctgc tgccaagaaa gactgagccc ctcccctgcc ctctccctga aataaagaac 180  
ag 192

<210> 11333  
<211> 105  
<212> DNA  
<213> Homo sapiens

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tttaagatat gttcataaaa gaaagcagag agtggttgag agttc 105

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<212> DNA  
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atgagaaaag acgtgaggtt ccttttggtt ttacctgtg gcctccctgc cctacacggg 180  
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<212> DNA  
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ttgccattt cttattaaaa aaacttggtg taaatccagt tgtctwaatg ggatcatatg 180  
aagttagcca tgtctgtatg cccc 205

<210> 11336  
<211> 453  
<212> DNA



<213> Homo sapiens

<400> 11336  
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catttctttg ttgagtctac tttgtgatg ctgagataat atgtgaaacc tgctatccgt 180  
tttgaagttt taatcaagat ggggaggtcc acacttctaa gtacaagtta aacaacctca 240  
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accagacaca gtgggagatc atgaagaagt attttacagt ctccaatctc aaagcattta 360  
cactctattt gtgacaagac tcgtagttcc cacatganag catagtcccc acagacaaca 420  
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<210> 11337

<211> 444

<212> DNA

<213> Homo sapiens

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tttaagaatc ctgcataaat agcttagcta ccgatgactc tgccgtgttt agcttggctg 180  
aagaggaaat aaaaacagaa caggaggtgg tagagggcat ggatatctct actcgtcca 240  
aagatcctgg ctctgcagag agaacagccc agaaaagaaa gtccccagc cctccacatt 300  
cttccaatgg ccactcgccg cagacacatc aacaagcccc attaaaaaga wwaagaaacc 360  
tggttactg aacagtaaca ataaggagca gtcagaacta agacatgggc cgttttacta 420  
tatgaagcag cgactcacca caga 444

<210> 11338

<211> 381

<212> DNA

<213> Homo sapiens

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caaccaaact tcacattcaa ttgttatccc caatgttgga gatggggccc tgtggcaggg 120  
gactagatta tcgagttgaa tttctcatga atagtttagt accatccctt tggtagtgtt 180  
ctcacaaatg cgagtgaagt ctctcaagat ctggtcattt aaaagtgtgg catctcacat 240  
gtacacacaa acatatacca tatatagcaa catttgcagt ccaaaagaaa tataaagaac 300  
agtagagatg caatgttaaa tcataactgc ataaaattaa ctgtagtata tactgtacta 360  
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<210> 11339

<211> 130

<212> DNA

<213> Homo sapiens

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tataacatga agacatacaa aattttcttc ttggcattga aaagaaatgc tactaagtgg 120  
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<210> 11340

<211> 188

<212> DNA

<213> Homo sapiens

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aaccgacgat ggagggagac gtgctggaca cactggaggc gctgggggtat aaaggacat 120  
tgtagaagag caagccctta caaaggcggc agagggtgga tagaagcctg aaccaaata 180  
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<210> 11341

<211> 489

<212> DNA

<213> Homo sapiens

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gaggccgtgc tgaacgagct ggtgtctgtg gaggacctgc tgaagtttga aaagaaattt 180  
cagtctgaga aggagcagc ctcgggtgtcc aagagcacgc agtttgagta cgcttgggtgc 240  
ctggtgcgga saagtacaat gatgacatcc gtaaaggcat cgtgctgctc gaggagctgc 300  
tgcccaaagg gagcaaggag gaacagcggg attacgtctt ctacctggcc gtggggaact 360  
accggctcaa ggaatacgag aaggccttaa agtacgtccg cgggttgctg cagacagagc 420  
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<210> 11342

<211> 380

<212> DNA

<213> Homo sapiens

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caagttagca ttccagatgt gtagatcatt ctttattcca gttaaaagaa caaactttat 180  
ctcatcagtt ctgaaacttt aagatgcagt agcatcacct aaagtgcctt taaaatgcag 240  
attctcaggc ctcaaccgta caccaccccc ccacacacgt actaaatcaa gaatatgtgc 300  
agaaggtact gggaatctac ttgttaatat gtgctccaaa tgattctgat gtaggtaatt 360  
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<210> 11343

<211> 345

<212> DNA

<213> Homo sapiens

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ccggcgtagc cagccccag cccgacgtga ccatgctgtc ccgcctccta aaagaacacc 120  
aggccaagca gaatgaacgc aaggagctgc aggaaaagag gaggcgagag gctatcactg 180  
cagcgacctg cctgacagaa gctttgggtg atcacctcaa tgtgggtgtg gccagggcct 240  
tacakgamcc rrgaaagct ggaccatgag gtgaagaccc tacagggtcca ggctgcccac 300  
tttgccactg cactggaata tgtctacaaa gggcagctgc agtct 345

<210> 11344

<211> 192

<212> DNA

<213> Homo sapiens

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tagatgagaa ctagggagag agagtaaaga gaaaagggtt aaggggtgaa agtgagtctt 120  
ggggaatact catgtttgag aggtgggagg aggaaataga gaagacaaaa gaacagccag 180  
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<210> 11345

<211> 456

<212> DNA

<213> Homo sapiens

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acgggaacca gcgcaagccn cgcaagtgcg tgccgaccct ggggcacggc gcgggtggcg 180  
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cagatcagct tgaagaacta tgatccccag aaggacaagc gcttctcggg caccgtcagg 300  
cttaagtcca caatcaagtt ccaaataag aagggtgttat gtctggctgt agctgttggt 360  
cacgtgaaga tgacagacga tgagcttggt tataacattc acctggctgt caacttcttg 420  
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<210> 11346

<211> 412

<212> DNA

<213> Homo sapiens

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gaactatgat ccccaagaagg acaagcgctt ctcgggcacc gtcagggttg caccgttctg 240  
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ggaggcgagc acgtcgggtac tgatgtgcta gggtagttca gacccctgc tccgggcagg 360  
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<210> 11347

<211> 382

<212> DNA

<213> Homo sapiens

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gaactatgat ccccaagaagg acaagcgctt ctcgggcacc gtcagggtta agtccacaat 240  
caagttccaa atgaagaagg tggtatgtct ggctgttagc gttgggtcag tgaagatgac 300  
agacgatgag cttgtgtata acattcacct ggctgtcaac ttcttggtgt cattgctcaa 360  
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<210> 11348

<211> 486

<212> DNA

<213> Homo sapiens

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gctcccgcgt agccggaggc gagcacgtcg gtactgatgt gctagggtag ttcagacccc 420  
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<210> 11349

<211> 533

<212> DNA

<213> Homo sapiens

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cggggtccac cgcccgtga ggagatggat gaggatgggc ttcctctcat ggggtcaggc 180  
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caccagtgtc acaaatggag cacatcctga agccacttca gagcaaccac agcagaacag 480  
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<210> 11350

<211> 651

<212> DNA

<213> Homo sapiens

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tggcagacct ttcacttcgt atccaacaaa ttgaaacaac tctcaatatt ttagatgcaa 480  
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ccagtgtcac aaatggagca catcctgaag ccacttcaga gcaaccacag cagaacagta 600  
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<210> 11351

<211> 209

<212> DNA

<213> Homo sapiens

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gatagcagag aaagctgggg acatgaaagc tatcgtggaa gtcacaagcg gaagaggaga 180  
tctcatagta gcacacaaga gaacaggca 209

<210> 11352  
<211> 212  
<212> DNA  
<213> Homo sapiens

<400> 11352  
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gcagctgcgg gagaagcaaa gggacgactg aggggaataat caggagacca ctgaggcgtg 120  
aagtactags cgtgcgataa ctgaaggagt tagtaactgg gagcacagag ttggaaacag 180  
cttaggggaa gatggagaag gaagaaacgg gg 212

<210> 11353  
<211> 154  
<212> DNA  
<213> Homo sapiens

<400> 11353  
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ctctcatcc taaagtgaag tctggaacac cacc 154

<210> 11354  
<211> 293  
<212> DNA  
<213> Homo sapiens

<400> 11354  
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ccagtttaaa ccggttgaga ctaccgacct ttcaactgga cccacgcaag tgccaagag 120  
gtggccaaaa actccaccct caaatcatac taacggcgcc attttctgta cattatgtcc 180  
aatgcaatac catgaacttt tgcgcagaac gaacctgtta cttcattttc cctaactgcc 240  
aatcactttt cccacacact tagaccacc cacttcacct actcgtaatt atc 293

<210> 11355  
<211> 338  
<212> DNA  
<213> Homo sapiens

<400> 11355  
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agactacgga cctgtctggg tctcagccgc caaagacccc gtccggtagg aagtactagc 180  
cggacatcat gagtggctgt cgggtattca tggggagact aaatccagcg gccagggaga 240  
aggacgtgga aagattcttc aagggatatg gacggataag agatattgat ctgaaaagag 300  
gcttttcccc acctttcccc cttttctatt ccacaaaa 338

<210> 11356  
<211> 463  
<212> DNA  
<213> Homo sapiens

<400> 11356  
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 agactacgga cctgtctggg tctcagccgc caaagacccc gtccggtagg tgagtggctc 180  
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<210> 11357  
 <211> 257  
 <212> DNA  
 <213> Homo sapiens

<400> 11357  
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 cgtgaaagat tttgtcgtca gagtccacat agtaacctat ttggagtgca agtacaatac 180  
 aaacacttaa gtgagctgct gaaaagaact gctctccatg gagagagtaa ctctgtcctt 240  
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<210> 11358  
 <211> 189  
 <212> DNA  
 <213> Homo sapiens

<400> 11358  
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 ttttttttt 189

<210> 11359  
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 <212> DNA  
 <213> Homo sapiens

<400> 11359  
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<210> 11360  
 <211> 347  
 <212> DNA  
 <213> Homo sapiens

<400> 11360  
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 tgaacattc tccataagga acgcatagct taggatgagg tggagggtgg ccaggaggatt 180  
 gctacctcac tccccacctt ctgtatgttc tgcagtcaag aaaatagcag ctcattaaaa 240  
 gaagacataa tcatgccgtg gattacttgt ggttccagaa agctttctta agctttcatt 300  
 ctagactcca gatcttgagt aggtaatgtt acaacactta gtcacgg 347

<210> 11361  
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 <212> DNA  
 <213> Homo sapiens

<400> 11361  
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 attttgaaaa tgaagatatt taagttattt tgatataaca aatggataga 170

<210> 11362  
 <211> 222  
 <212> DNA  
 <213> Homo sapiens

<400> 11362  
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 tgagagttcc ttgggtttgc tctttcttca cctgaaaaga agactccagg aagggcagca 180  
 catgccggag aaagatgaat tccagcttga ccgccagag gc 222

<210> 11363  
 <211> 122  
 <212> DNA  
 <213> Homo sapiens

<400> 11363  
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 atgtggttaa tgaaaagaag agaactccaa atgaaaccac acagttttag aaccaaaaaa 120  
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<210> 11364  
 <211> 374  
 <212> DNA  
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<400> 11364  
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<212> DNA  
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<210> 11374  
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gccgcgattt	ggcgtttaact	tattgaccca	tggggaggag	ggtcacttcc	cgtgaaaaga	220
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<210> 11376  
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tctctctgac	gctcaccatg	ccctgactat	catgctatct	gaacgacttt	ggctgggact	341
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<210> 11377  
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<400> 11378						60
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 ccagtcacaa ttatcaccgg gtatttagtt attcagaggc tgctctgctg agaagatgaa 300  
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<210> 11380  
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<210> 11384  
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<213> Homo sapiens

<400> 11387

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<211> 329  
<212> DNA  
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<212> DNA  
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<210> 11395  
<211> 347  
<212> DNA  
<213> Homo sapiens

<400> 11395  
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<210> 11396  
<211> 63  
<212> DNA  
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agc 63

<210> 11397  
<211> 311  
<212> DNA  
<213> Homo sapiens

<400> 11397  
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<212> DNA  
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<212> DNA  
<213> Homo sapiens

<400> 11399  
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<212> DNA  
<213> Homo sapiens

<400> 11400  
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ttcctcgaga taggc 195

<210> 11401  
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 <212> DNA  
 <213> Homo sapiens

<400> 11401  
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 attattcaga gangtggtta gcaaatttgt ttcattaggg tgtactttaa aagacagact 180  
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 <213> Homo sapiens

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ctggggggagc cgcttccctt ccctgagcct tcacgccttc atccatgcag cagagctaac 180  
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**SECRET**

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aatgcaagct ttttggtatt accaactttt tgtttctcat tactgaagaa aattggagga	180	
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 <212> DNA  
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cnatanccna caaggagaaa ttctcagcct cggggaagag tatttcttga tgagggaaga 180  
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<213> Homo sapiens

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caggtaactg tgttgccatg gattgggata aagatgg 157

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<212> DNA  
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tgccttgctc tgtcacagtg aagtcagcca gagcagggtt gttaaactct gtgaaatttg 180  
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gatggaattg gggaggagggt gctcaagatg tccacggagg agatcatcca gcgcacacgg 180  
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&lt;211&gt; 153

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11433

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acactacaac	agtgaatgta	aaattcagtt	gga			153

&lt;210&gt; 11434

&lt;211&gt; 288

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11434

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&lt;210&gt; 11435

&lt;211&gt; 388

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11435

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&lt;210&gt; 11436

&lt;211&gt; 566

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11436

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tctcattttg	tatactggta	aaaactacat	gcttgattaa	accattaaat	gcttgtaact	836
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 <213> Homo sapiens

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<210> 11440  
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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 ccgaactcag tccgagatgt agactaggca ataacgctaa tctaataccg gtacgattaa 180  
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 aaatgaagcg ctcacaaaca agagcacagg ttgctttggg atcataaaaag agcaggagag 300  
 aaaggcttct gggggctctc ggaagatgga tgtcaacgca gaggtttcaa ggctgagtac 360  
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&lt;210&gt; 11441

&lt;211&gt; 395

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11441  
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 catatcaggc taacgataga gaaagcatta ggtttaagtt gagggctaag aactggtttg 120  
 tttaaagggt taaattgttg gaaaagagca tttgccttct ttaatgaatg atggtctcac 180  
 aattcagttg actttgacct aatattttaag aatataaata tattttattt gaaaggctga 240  
 gtgttgccct caaacacttg ctaawactkc ctagggcagg attcattagg gcttgacagc 300  
 aatgtcacct aaattactga atgtactcat tataatatga tatctgacaa aggtagtaca 360  
 gcgtttctga gtsrtttggg accaactgca gtggt 395

&lt;210&gt; 11442

&lt;211&gt; 296

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11442  
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 catttttatt aaagtaaaaa ataagatagt agtagctctg gacatttgga aatgtgtatg 180  
 tttgtttaca ccctgtgaaa agtagacatg gtctgcaaaa gagccaatct cctaaatata 240  
 tttctktctc tagaaatggt attttgggac aaatgaatga atccctgttg ggaaaa 296

&lt;210&gt; 11443

&lt;211&gt; 533

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11443  
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 cctgccattt cctgagaacg ggactgctga gagaggagct gggaggagca ctgcaaatat 180  
 cactttggac acgtgagtca gaggtatctg tgaggggact gagttgggag ggcaagcagg 240  
 gaattggaca tgtgggcctg gagcacagag aagggacttg agcatgcata tttgggtggt 300  
 ccctccaaaa cttatgttga aacttaatcc ccagagtggc agcatggaga ggtggggcct 360  
 ttaagagggtg attggatcat gaaggctcta ttcccactaa tgaatggatt catcatggga 420  
 gaactggcgg ctttataaga gaggaagaga gacctgcgt asmncttagc acgctcagtc 480  
 cccctgccat gtcatgccct gaaccctca ggactctgca gagrgttcct acc 533

<210> 11444  
 <211> 238  
 <212> DNA  
 <213> Homo sapiens

<400> 11444  
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 agacaagctt tcggaggctt ttgactgact ggatgtggga atgttggtgga agacttctgg 120  
 cctgccattt cctgagaacg ggactgctga gagaggagct gggaggagca ctgcaaattt 180  
 cactttggac acgtgagtca gaggttaaca cagaaatctg cctcctgggc catgccgc 238

<210> 11445  
 <211> 402  
 <212> DNA  
 <213> Homo sapiens

<400> 11445  
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 cctgccattt cctgagaacg ggactgctga gagaggagct gggaggagca ctgcaaattt 180  
 cactttggac acgtgagtca gagagtggca gcatggagag gtggggcctt taagaggtga 240  
 ttggatcatg aaggtcttat tcccactaat gaatggattc atcatgggag aactggcggc 300  
 tttataagag aggaagagag acctgcgcta smncttagca cgctcagtc ccttgccatg 360  
 tcatgccttg aaccctcag gactctgcag agrgttccta cc 402

<210> 11446  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

<400> 11446  
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 aagtcctgaa ttaggctgat tcacccaag agtggccgtt cctaccacga ggagttcaac 120  
 cctccaaaag agcccatgaa agatgacatc accggggaac ccttgatccg tcgatcagat 180  
 gataatgaaa aggccttgaa aatccg 206

<210> 11447  
 <211> 227  
 <212> DNA  
 <213> Homo sapiens

<400> 11447  
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 cttaagtggc acagtggagc agctctgaag atgcaaagtg agggtcgctg tctgcccatt 120  
 gatagaggcc agattgtctt ggaagttcca aagttgcaac gatttctggc tagtgccacg 180  
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<210> 11448  
 <211> 387  
 <212> DNA  
 <213> Homo sapiens

<400> 11448  
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acagcgttct	gagtgtggac	gagtagccag	tgaagataat	gaatgtcgaa	tgtgactgac	240
tagcagcttc	atthttgaatg	agggctcgctg	tctgcccatt	gatagaggcc	agattgtctt	300
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<210> 11449  
 <211> 306  
 <212> DNA  
 <213> Homo sapiens

<400> 11449						60
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catctgggag	aatattttaat	ggaaaatcgc	ttggttaaaa	cctgacactt	ttaacagtga	240
gggtcgctgt	ctgcccattg	atagaggcca	gattgtcttg	gaagttccaa	agttgcaacg	300
atthttctggct	agtgccacga	ggtttacttg	actgttggtg	gaaaagctga	taagaaaacc	360
atccag						

<210> 11450  
 <211> 425  
 <212> DNA  
 <213> Homo sapiens

<400> 11450						60
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tcaggaacct	ggcaacagt	tccccttg	gccaagcctg	gaacatcasa	tctgtacgtt	240
gcaatctgtg	gatcagctac	gagactgaga	gaaaggaatg	aaaggatgga	agaattacaa	300
gatcaggcac	tgtgtgtgtg	ctgttccacg	gatgtaacca	cagcacacgc	gtggctcacg	360
atggatatct	gagagccagc	gaactttctt	tacctcttag	tatcatttca	tgaaaattag	420
tagcacctgc	acaatggggc	cttgagagaca	ggaataaaa	gaaaaatctg	gaatggaatc	480
acatg						

<210> 11451  
 <211> 102  
 <212> DNA  
 <213> Homo sapiens

<400> 11451						60
aacatctgta	cgttgcaatc	tgtggatcag	ctacgaggat	gaatgccatc	cacacaaaag	102
agctcctggt	gacatctcat	ttacaatctc	ccccaggaca	ca		

<210> 11452  
 <211> 335  
 <212> DNA  
 <213> Homo sapiens

<400> 11452						60
gaactacagt	tttaacctca	tcaa	aatatgg	catctccctt	gcttgctgca	120
aagaaatgtc	actttctttt	taagctagca	agctttttct	ttttctttt	cttcttctat	180
ttaaaaattc	taatcatgga	tgttcttcc	gaccttatt	tgcttatga	cgggggagga	240
gacaatattc	ccctgagggg	attacataaa	agagggaactc	attatacaat	gacaaatgga	

ggcagcatta acagttctac acatttactg gatcttttgg atgaaccaat tccaggtgtt 300  
 ggtacatatg atgatttcca tactattgat tgagt 335

<210> 11453  
 <211> 289  
 <212> DNA  
 <213> Homo sapiens

<400> 11453  
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 tgaaccgact cttcgggaaa gcgaaaccca aggetccgcc gccagcctg actgactgca 120  
 ttggcacggg gggcatttga tcatgcataa gtaggctcag gacctctgac acaccgacc 180  
 ccgcccaccc ccagccccgg gcccatattc ttcctcttca ttccgggtcc tgggcccctt 240  
 acacgtcgtc cctctctatc tcaccttctc ccttccatcc ctgkaccc 289

<210> 11454  
 <211> 208  
 <212> DNA  
 <213> Homo sapiens

<400> 11454  
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 gagtttggct aaatgacttc ccacattcgc tgcactcata aggcttgat cactggaac 120  
 tttctggtgt tttatgagac tggaatgata tgtaaaaaac ttcccacatt cactgcactc 180  
 ataaggcttc tccccagtgt gaactccc 208

<210> 11455  
 <211> 337  
 <212> DNA  
 <213> Homo sapiens

<400> 11455  
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 ttattgctc accctcacc cctaggggcc ggatccaaag gcgctgcact ccccaagcct 120  
 tggggcatca gccaggaagg tttcctacct cctaattcag gggcaggact cctcttttcc 180  
 ccccacgggg aaaagaggca gaaacttagg gggttccctc ctttcttagg gtcagacgct 240  
 cttagggtcc acttcttcag gggcggaagc tctcctaccc ttcccatagg grcacaggcc 300  
 tttacccac tgtacttcgg agccaacgcc tttccct 337

<210> 11456  
 <211> 182  
 <212> DNA  
 <213> Homo sapiens

<400> 11456  
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 ctctcagcct gtgggccttt aggtctcca gtgttctgct tcccttcca tcgctgtggc 120  
 tttctcctga gtctcagaaa gttcctatcc cctacactac cggcgcanct gtatcccaac 180  
 cc 182

<210> 11457  
 <211> 388  
 <212> DNA  
 <213> Homo sapiens

<400> 11457  
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 aaagaaaatg atgtctgttg ttatagttca ttgttttgcc tactcagcag aagtgatgac 120  
 tcttaaaaat tggccttgac caaagtcttc ttgttttcag ggaaagaaca taaaagcttt 180  
 ttgaactaca gcctttttta aagagggatg ggaggatatt acagtaagaa attaggcttt 240  
 ctaaaagtat gaaacatcct tcaactgggc tctcttgta ataggacatc atatggtaat 300  
 agactgggtt gactatattg ttagctgcca cagtaagcag gtcattgtat aggtaaatgc 360  
 ctgcacccat aattttctag taatagcc 388

<210> 11458  
 <211> 206  
 <212> DNA  
 <213> Homo sapiens

<400> 11458  
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 gctgccctcc tgcgccaagg cagacacaag ctgcgggctg tgcggtccta gtagtgtgac 120  
 gtttcagtta atagtgggtg tcttattttc aactatgctt tcagtctctg ttgactaaat 180  
 acgacgaaaa ttcatacttt atgcag 206

<210> 11459  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 11459  
 ttccaaagga aagaaaagag ggtgggtggtg aaggggtggt gctctatgct caggtaaatt 60  
 tggaagggtg gcttaaagat gaatacgtct cttcattttc tgacttctca cagaaagagg 120  
 taggaatatt ccacatttct cagacttttt aggctaggaa acaacattgt caggggcccaa 180  
 gaactgacat ctcttccaac actcttggtc agagaccatt tgggtaaaag tacatgatgc 240  
 atttaagccc ttctggagat accgccacaa tgcag 275

<210> 11460  
 <211> 418  
 <212> DNA  
 <213> Homo sapiens

<400> 11460  
 ttaggtagat gcttgtgtag gattcctgat aagagcaact gaaaaggaga ggggaagtag 60  
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 acaagatttg gggacatata tggttaccag ggaattacct cttatgtggt atatctttat 180  
 attatttatc tctggaaaag agtaccctgc aaaattccct acagctgcaa gcagatgtca 240  
 cttgatggac agagggggga ttctgcccct ccggtatcag gaaatacata ctaaagacat 300  
 tgcgaaacgc tgaacctctt ccataaata aaaggtttgt ttgttnaatg ggaaatccac 360  
 ccataataaa tgaacaatag gcactgccag tttaggcctg ttcatgaatg gatctgca 418

<210> 11461  
 <211> 513  
 <212> DNA  
 <213> Homo sapiens

<400> 11461  
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agctgttact	gaaggaagta	gcctacgtcc	acgcctacaa	ctgaagtctc	ttgacaaaca	120
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cacaactgct	cgctgacga	ccgcattcgt	ggcaggtaag	aagattgctg	tatcaactca	240
agaaagcagt	aacttctactg	tctttgtatt	ttgaattgca	acaacaactt	tgatatcaac	300
aatgaagcaa	tgatatctaa	gaacaaaaga	gtatttgcca	acagtcata	taatatacaag	360
tgattgtata	agcagaaaca	agctgtcaca	gacctgtgcg	tcastaatat	aggagaatgc	420
tttcttctga	tactatttac	ttagaggcag	ttttaatata	aatcatttca	attatatcta	480
catcaaataa	aataaaaatg	agtgaagccc	cca			513

&lt;210&gt; 11462

&lt;211&gt; 444

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11462						
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agaagcttat	tatggagctc	agagaagtag	tcagggctga	ctcttagaaa	tggcagctct	120
cctgtttacc	tgtaatcatt	tcagttggaa	ttacaaagca	ggtcagctga	aaagagtcag	180
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gtcttcaata	aatccaaata	cttctgggtat	attactcgag	gggtttttta	atattgtcag	300
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cacctactaa	tcgtggatnw	ttaactttgg	aagatttcaa	aaaagcattt	aggcaggtgg	420
ctcccaaatt	accggaaagg	mctg				444

&lt;210&gt; 11463

&lt;211&gt; 301

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11463						
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tgatggaagg	ccaggggcca	agaacagaca	agcaagtcta	caaaggagct	ttagatagag	180
ggttccccag	gattggcttt	gagatttcta	gtgtgggggg	atctggagta	atctgctgag	240
attaagtgtt	ggaggaatag	gaacagggtta	ggggagagtt	ttataggaat	ttttagagac	300
a						301

&lt;210&gt; 11464

&lt;211&gt; 182

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

<400> 11464						
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ttggactttc	gccgaaagt	ggacaaagat	gaatatgaga	aactcgccga	gaagaggctc	120
acggcgagtt	tctcatattc	ttttttctcc	cactgttgta	aataactttt	aatggccaaa	180
cc						182

&lt;210&gt; 11465

&lt;211&gt; 155

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11465

gtttttcagc tcgccattca cttcgctgtg aagatggcgt cgggcagcgg gacaaaaaac 60  
 ttggactttc gccgaaagtg ggacaaagat gaatatgaga aactcgccga gaagaggctc 120  
 acggaagaga gaganaagaa agatgggtggg tgcta 155

<210> 11466  
 <211> 204  
 <212> DNA  
 <213> Homo sapiens

<400> 11466  
 atctgtgtgt gtgtgagtgt atctgtgtgt gtttgagcct ttctgtgtgt gcacatgtgt 60  
 tgtatgtgtc tgttttacgt gtctatctgt acatgcacat atgtttcagc tgaaaagagt 120  
 gcggaggggt aaagggtgact gtgagaatga gtgtgtacta ggagagctgt gtgtgggacg 180  
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<210> 11467  
 <211> 484  
 <212> DNA  
 <213> Homo sapiens

<400> 11467  
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 caagccacat cagttctctc ctttaaccac tccattcgac tggtatcaca gctatgcttc 180  
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 tgggaagtcc aggatcaagg cactgtcctc tggtagctga tgagagactt cttcctgcat 300  
 ccttacatgg tggagagcaa aagagtggca gagaatgnat atactcccag tccattcgag 360  
 aggggaagagc cctcacctca tcaactccct gaggcctcac cttctaatac tatcaccttg 420  
 gtgataagat ttcaacatak gaattagagg ggaatacata catccagact attgcagatg 480  
 ggat 484

<210> 11468  
 <211> 475  
 <212> DNA  
 <213> Homo sapiens

<400> 11468  
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 ttgtccctgc agtcttttcc agctattgtg tagagcattt tgggcaggag aatctaggac 120  
 caagccacat cagttctctc ctttaaccac tccattcgac tggtatcaca gctatgcttc 180  
 cagagtgtctc tgtgcatttt cactgacagc aaacaatgaa taaatctctg tctgaatgag 240  
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 acagcacaat ttacaaatcc aaatttccag gaagtctctc cacatacctc tagtacaaaa 420  
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<210> 11469  
 <211> 175  
 <212> DNA  
 <213> Homo sapiens

<400> 11469  
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gacctagttt attattnnggt tattgataaa gcaaagctaa ctgtgtgttt agaag

175

<210> 11470  
<211> 376  
<212> DNA  
<213> Homo sapiens

<400> 11470  
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caaaggaagt gctgatggac tgtgcccacc ttgtgaaggc caatagcatt caaggtaaaa 300  
attgtgacag tggagaagaa agtaaattgag atctgaaccg attagwaaga ccaaagtcga 360  
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<210> 11471  
<211> 231  
<212> DNA  
<213> Homo sapiens

<400> 11471  
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aaggcgagcgt ttactgcaca ggccacgtgc ccgtagaaaa gatactcatc cactgtgggt 180  
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<210> 11472  
<211> 303  
<212> DNA  
<213> Homo sapiens

<400> 11472  
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aaggcgagcgt ttactgcaca ggtgcatcac ttcatggagt tatgttggga taaatgtgtg 180  
gagaagccag ggaatcgct agactctcgc actgaaaatt gtctctccag ctgtgtagac 240  
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ggg 303

<210> 11473  
<211> 131  
<212> DNA  
<213> Homo sapiens

<400> 11473  
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<210> 11474  
<211> 332  
<212> DNA  
<213> Homo sapiens



<400> 11474  
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ggcagtaggg ttttgggttt tttttttkgc aagtyctttk ggtgagtaaa tttagtata 180  
aatgattttt ttttcttttg agacagtttg ctctgtcgcc caggatggag tgcagtgcag 240  
tggcgcgatc ctgcaacctc sgccctctga gtycaagcga ttctcctgcc tmacgctccc 300  
gagtagctgg gattacagas gcgcgcmacc cc 332

<210> 11475  
<211> 378  
<212> DNA  
<213> Homo sapiens

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<210> 11476  
<211> 335  
<212> DNA  
<213> Homo sapiens

<400> 11476  
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gttcagacct gtctgtctgt ccgcccattc gtaagcccat ctctgtccca ttgtctatct 180  
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<210> 11477  
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<212> DNA  
<213> Homo sapiens

<400> 11477  
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ggaagaaaag atcctgaaga atcaatcaag ttttccgtga agtcaagtcc aagtaacatc 180  
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caacacagca agaaataatt smg 263

<210> 11478  
<211> 381  
<212> DNA  
<213> Homo sapiens

<400> 11478

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 <212> DNA  
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agaactggat	tcgtggcgcc	acaagctcat	tcactgtggg	ttgaaagtat	tcttgaaggg	172
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 <212> DNA  
 <213> Homo sapiens

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ggcttctctg	agatgtcact	gaactgagtc	ttaaaagatg	aataggaatt	agccagacaa	300
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<210> 11481  
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 <212> DNA  
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cctgaggaca	cttctctgtc	gtcacagtta	gttttacatg	tggcaccat	aaaagatgag	240
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<210> 11482  
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 <212> DNA  
 <213> Homo sapiens

<400> 11482						60
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aaggctagtc	tctgcatgga	cttcagtgcg	ggcatacccc	gcctgatggg	gagggctgtg	300
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<210> 11483  
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 <212> DNA  
 <213> Homo sapiens

<400> 11483	
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gcactttgca gamcawggca aaaaacttgt gaaggatgtc aaagccttcg ctggggcgctc	180
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ccaatttacc tacaagtttg ccgaagaaat cagaaggcag tctttcgggg cagtaacgcc	300
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<210> 11484  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11485  
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atgggagtta ttagaaaagc agctttgctt gctttaaccc aggaattgta tttctggtat	180
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aca	483

<210> 11486  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11487  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11488  
 <211> 354  
 <212> DNA  
 <213> Homo sapiens

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tgcttagtcc tcgggctgag ttgtttaatt ctctgttgac ctgtactcta cttattatca	354
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<210> 11489  
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 <212> DNA  
 <213> Homo sapiens

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actgcagagt gtaaatggga accattttta gcttaaggta aaataggtaa caggaaacac	240
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<210> 11490  
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 <212> DNA  
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cttacctagt cattcctctt ttttgggtct gctctttcgc ctaggctgga gtgcagtggc	240
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tccggagtgg ctggaactgc aagcatgagg cccacgcct gggttaatttt taatttgta	304
tgtg	

<210> 11491  
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 agtgtctcag tgtatgagws gtgtccggct ggtagaagga attctgcatg cccagatgc 300  
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 agacaga 367

<210> 11492  
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 <212> DNA  
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<210> 11493  
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 <212> DNA  
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 aagatgttct cgtccgtggc gcacctggcg cgggcgaacc ctttcaacac gccacatctg 180  
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 <212> DNA  
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 cccaaaagca ccgagacttc gtggcagagc ccatggggga gaagccagt gggagccttg 180  
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 gtactcacct ccgacgtact ccgggggtct ttgggagttt tctccctaa ccatttcaac 540  
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 <213> Homo sapiens

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<212> DNA  
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<212> DNA  
<213> Homo sapiens

004220" 666T560

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&lt;210&gt; 11503

&lt;211&gt; 392

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11503

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&lt;210&gt; 11504

&lt;211&gt; 356

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11504

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&lt;210&gt; 11505

&lt;211&gt; 409

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11505

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tgcttggtaa	aatggmggtt	atcagtgcga	gtttgwngga	tacatacag		409

&lt;210&gt; 11506

&lt;211&gt; 447

&lt;212&gt; DNA



<213> Homo sapiens

<400> 11506

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cccggacctg	cagcatcaac	atcacctgga	aaccattag	aaaagcaaac	ccagctgtgg	180
gcccagcaag	ttgtagttta	acaagccctt	caggtgattc	tgatgcactc	tcaggattga	240
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gtatactttg	ggargtacac	agaccactg	tagcaccttc	agatggtgag	aaggaaggcc	360
aattaaaaga	atgtccaaag	aaaggagtwc	tcattcatgag	ataaaacacc	agcagaggaa	420
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<210> 11507

<211> 235

<212> DNA

<213> Homo sapiens

<400> 11507

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actagtgcg	atgtcgaaga	gggaaaatga	aaagggctcg	cttgaagaag	cctacgagaa	180
atgtgaccgt	gacctggatg	aattgattgt	acagcactac	acagaattga	cgaca	235

<210> 11508

<211> 271

<212> DNA

<213> Homo sapiens

<400> 11508

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atttggaaga	tgatgagaca	cccrgsttt	ctgcccattg	cttagcagct	ctccaggaat	120
tttatgctga	gcaaaagcaa	caaattgagc	caggcgagga	tgataaatat	aacattggaa	180
taatagaaga	gaattgggtg	ccatcatgga	agaacaggca	gcagaactcc	ttggagtga	240
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<210> 11509

<211> 129

<212> DNA

<213> Homo sapiens

<400> 11509

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<211> 251

<212> DNA

<213> Homo sapiens

<400> 11510

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acttgccctc	ctgtcctcca	agaccaggag	atggtaaaag	caataccatg	agacttccga	180

ggctagggca cgaaaggatg gcttctgcgt ggtgctccct ctctcccaga tcccttgctc 240  
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<210> 11511  
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<212> DNA  
<213> Homo sapiens

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tcaatcaaga gactatccag cggtccttg aggagaatga ccagctgac cgctgtattg 180  
tggagtatca gaacaagggc cgcgggaacg agtgcgtgca gtaccagcat gtgttacata 240  
gaaatctcat ttatttggct accattgcag atgccagtcc aaccagcact tcaaaagcaa 300  
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<210> 11512  
<211> 408  
<212> DNA  
<213> Homo sapiens

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agaatactaa aagggtttct ttgaatgtat atgtttctga aagtcatttt ttaatgatta 180  
cattctgtac attctgtaaa aacttcaaaa cctggccagg caagggtgctg ggattgcagg 240  
cgtgagccac cgtgcctggc cagaaactct tttttaagcg atgagatctg tgtggcattt 300  
ctagcgtctc cttaaattatg tctctggcat attttaatca ctggaaactc aaagagtgga 360  
agagtggaag tgcgaaggaa tctcaggtag ctcttaacta attcgcct 408

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<211> 285  
<212> DNA  
<213> Homo sapiens

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tgggtggtttt ggcataatag ctgcatttcc agacctgacc tttggcccca accacaagtg 180  
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<210> 11514  
<211> 308  
<212> DNA  
<213> Homo sapiens

<400> 11514  
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agcaatttgc aatctttgca ttaggcattt cgcccgtagg accccaggct cggaggactg 180  
ggtgtgagcg ctgcccggga gaggtgacc tgccgggacc ggagtgcctg gggacgctgt 240  
gccccactt gcccaacgtg cggaatcggc taagcgcgtc ggcctgmgcg gggcacaagg 300  
gacgacgc 308

<210> 11515  
 <211> 159  
 <212> DNA  
 <213> Homo sapiens

<400> 11515  
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 tgtcangttg aactcttact ataattctat aatyaccgc 159

<210> 11516  
 <211> 334  
 <212> DNA  
 <213> Homo sapiens

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 gattctagag agaagmaaac caacttggtt cccaaaagca cagcaatgaa tgagagctct 180  
 tctggaaaag ctgggaagcc tccgtgtgga gccacaaaga ggtccatcgc tgacagtga 240  
 gaatcggagg cctacaagtc cctctttacc actcacagct caagcgctcc aaggaggagt 300  
 ctgcccactg ggtcaccac acgtcctact gctt 334

<210> 11517  
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 <212> DNA  
 <213> Homo sapiens

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 ggaccagtgg ccggacctct tcattctata gacatgatga aaaaagaaat atttaccaga 180  
 aatcagg 188

<210> 11518  
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 <212> DNA  
 <213> Homo sapiens

<400> 11518  
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 aaagggccat gttcggagtg tatgacaaca tcgggatoct gggaaacttt gaaaagcacc 180  
 ccaaagaact gatcaggggg cccatatggc ttcgagggtg gaaagggaaat gaattgcaac 240  
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 ttaataaacg catccgctat ctctacaaac actttaaccg acatgggaag tttcgataga 360  
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 ggatccgata gaatatattag catt 144

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 <212> DNA  
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 acccatcttg gctgccaccc aaaagcactg gtgagcccct cggccatgtg cctgcacgga 240  
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<210> 11521  
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<210> 11522  
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 gagggctagt ggagggccag ctgcctgtgg gggctggaca tcgtgtggga actttgaggc 180  
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<210> 11523  
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 <212> DNA  
 <213> Homo sapiens

<400> 11523  
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 taggagggaa gakgttttgg acgcgctggc ctcccggcgc tgtgcattgc agcattatct 180  
 cagttcaaaa ngaactatat gcctggcacc gccagcctca tcgaggacat tgacaaaaag 240  
 cacttgggtc tgcttcgaga tggaaggaca cttataggct ttttaagaag cattgatcaa 300

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329

<210> 11524

<211> 234

<212> DNA

<213> Homo sapiens

<400> 11524

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gtccagattt	ttctctgtat	tatgtaatcc	tycatccaaa	tgtctagaaa	ccaaaagcag	120
aacaaaaagc	aaccactgtc	aatttaataa	ggccaataaa	ggttactttc	gggtgagttt	180
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<210> 11525

<211> 430

<212> DNA

<213> Homo sapiens

<400> 11525

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tccagcaatg	gcttttgcaa	atctgcggaa	agtsctcatc	agtgcacagc	tggacccttg	180
ctgccggaag	atcttgcaag	atggagggct	gcaggtggtg	gaaaagcaga	accttagcaa	240
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gtgaccgctg	atgtcatcaa	cgcagctgag	aaactccagg	tggtgggcag	ggctggcaca	360
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cccaatggga						430

<210> 11526

<211> 382

<212> DNA

<213> Homo sapiens

<400> 11526

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aaaataaaga	tgaagaaaga	agttagttag	taataacatc	cttcataatc	aacaagagtt	180
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agacagtttt	aatgaaaaga	gagttgcagt	ggaagctcct	atgagggagg	aatatgcaga	300
cttcaaacca	tttgagcgag	tatgggaagt	gaaagatagt	aaggaagata	gtgatatgtt	360
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<210> 11527

<211> 209

<212> DNA

<213> Homo sapiens

<400> 11527

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acggggagcc	gccttcccat	ttctgaaccc	gactgttcta	tttacaatct	ctaagcaaat	180
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<210> 11528

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<211> 236  
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 <213> Homo sapiens

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 <213> Homo sapiens

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<210> 11530  
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 <213> Homo sapiens

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 cgggtgcagg ccgcatgag caaacggaag gcgcgcgagg agactctcaa cgggggaatc 180  
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 gtggagctkw agctaagaaa ttgcctggag taggaacaaa aattgctgaa aagattgatg 300  
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<210> 11531  
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 <212> DNA  
 <213> Homo sapiens

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 gcgggaaaaa gcaagaatcg aggctggtac cttactatct cttgaagaat gtgggcagtg 420  
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<212> DNA

<213> Homo sapiens

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aaagcagcat	gatgcagctc	atgcacctgg	agtcctttta	tgaaaaaacc	tcct	174

<210> 11533

<211> 381

<212> DNA

<213> Homo sapiens

<400> 11533

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<211> 478

<212> DNA

<213> Homo sapiens

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gactggagga	cgagcaaaaag	atgcttaccg	aatccggaga	tcctgaggag	gatcccctaa	180
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aataaatgtg	tggacttaat	tcaccccagt	cttcatcatc	tgggcatcag	aataannkcc	420
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<210> 11535

<211> 356

<212> DNA

<213> Homo sapiens

<400> 11535

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catgaagttt	ctgccatcat	ccaaagggga	taagactagg	gagagacgcg	gaagtccac	300
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<210> 11536

<211> 505

<212> DNA

<213> Homo sapiens

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 aatgtgtaaa ggcccgggag cggctagagc tctgtgatga gcgtgtatcc tctcgatcac 300  
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<210> 11537  
 <211> 308  
 <212> DNA  
 <213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 aagaggagga attagtgggtg gcccacaaac tctttaacaa cttgaaataa atgtgtggac 240  
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<210> 11540  
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 <212> DNA  
 <213> Homo sapiens

<400> 11540



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&lt;210&gt; 11549

&lt;211&gt; 298

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11550

&lt;211&gt; 213

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11551

&lt;211&gt; 459

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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&lt;210&gt; 11552

&lt;211&gt; 193

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

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 aaccagtga ctgcaagcat attggaacaa tccttaacac acctgggttaa gttgggaaaa 240  
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 <212> DNA  
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<210> 11568  
 <211> 339  
 <212> DNA  
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 aagcctggac ttcaccactt cgcartatat ccgtgtaaca aaactgcact tgtacgcctt 240  
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339

<210> 11569  
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<212> DNA  
<213> Homo sapiens

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<212> DNA  
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<210> 11571  
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<212> DNA  
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<213> Homo sapiens

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<212> DNA  
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 <213> Homo sapiens

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 aacgcggtcg ccatggaccg cccagatgag gggcctccgg ccaagrcccg ccgcctgagc 180  
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 <212> DNA  
 <213> Homo sapiens

<400> 11575  
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 gcctcaagag actgcaactt agaccctgaa gtactccttc ttggaacctt gacctatgct 180  
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<210> 11576  
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 <212> DNA  
 <213> Homo sapiens

<400> 11576  
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 tggttcggcg cagagagacc cgggggtcta gcttttctc gaaaagcgcc gccctgccct 180  
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<210> 11579  
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 <212> DNA  
 <213> Homo sapiens

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 ttctggctgc agagacctcg gagaccgcgc cggggagacg gaggtgctgt ggggtggggg 240  
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<210> 11580  
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 <212> DNA  
 <213> Homo sapiens

<400> 11580  
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<210> 11581  
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 <212> DNA  
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<400> 11581  
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<210> 11582  
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 <212> DNA  
 <213> Homo sapiens

<400> 11582  
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<210> 11583  
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 <212> DNA  
 <213> Homo sapiens

<400> 11583  
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<210> 11584  
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 <212> DNA  
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<400> 11584  
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<210> 11585  
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 <213> Homo sapiens

<400> 11585  
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<210> 11586  
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 <212> DNA

<213> Homo sapiens

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agatcagctc ctctgtcttc agcctggaga cgaaattgcc gttatcccc ccattagtgg 300  
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<210> 11587

<211> 331

<212> DNA

<213> Homo sapiens

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gattcccttc tgctatgttc ttcaacctgt attcttgcca aaattcttct cttcatggac 180  
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<210> 11588

<211> 702

<212> DNA

<213> Homo sapiens

<400> 11588  
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ggggcacagt actggatttg acagtgattc cccacgtgtg ttcattctgca cccaccgagc 600  
caggcagagg ccagccctcc gtggtgcaca cagcacgcgc ctcagtccat cccattttag 660  
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<210> 11589

<211> 250

<212> DNA

<213> Homo sapiens

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actctgctgg gggcacctct gatggccaac cgcagcattt ctgtcctctg cccacccag 180  
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cctcgccacc 250

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<212> DNA  
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aattaaaac 129

<210> 11591  
<211> 304  
<212> DNA  
<213> Homo sapiens

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<210> 11592  
<211> 253  
<212> DNA  
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gaaacagagc tagattcaga caacacctcc accaccacta ctgtctgcat cagtcattat 180  
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caaaagaagc tgg 253

<210> 11593  
<211> 339  
<212> DNA  
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<212> DNA  
<213> Homo sapiens

<400> 11594

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 <212> DNA  
 <213> Homo sapiens

<400> 11595  
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<210> 11596  
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 <212> DNA  
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 <211> 178  
 <212> DNA  
 <213> Homo sapiens

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 agatctaggt taactttttt cctagtctca catatattca aaagctgccc tccaccac 178

<210> 11598  
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 <212> DNA  
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<400> 11598  
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 tcgtgggaga aaaaagacaa ttttattctc agcg 154

<210> 11599  
 <211> 426  
 <212> DNA  
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<400> 11599  
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 gaccta 426

<210> 11600  
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 <212> DNA  
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<400> 11600  
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<210> 11601  
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 agttccggtg cagttttgac ccaa 204

<210> 11602  
 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 11602  
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<210> 11603  
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 <212> DNA  
 <213> Homo sapiens

<400> 11603  
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<210> 11604  
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 <212> DNA  
 <213> Homo sapiens

<400> 11604  
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 aggacgcgg 189

<210> 11605  
 <211> 382  
 <212> DNA  
 <213> Homo sapiens

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<210> 11606  
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 <212> DNA  
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<210> 11607  
 <211> 321  
 <212> DNA  
 <213> Homo sapiens

<400> 11607  
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 aggatttaca aaaatgtaac c 321



<210> 11608  
 <211> 172  
 <212> DNA  
 <213> Homo sapiens

<400> 11608  
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<210> 11609  
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 <212> DNA  
 <213> Homo sapiens

<400> 11609  
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<212> DNA

<213> Homo sapiens

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<212> DNA  
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 ataccatttc taatcttttg tgtaattttc tcttaactga ttgctctgat attgtaaaca 240  
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 tagcaaattt cctatttggt ccaatacaaaa ctcactttat tctaaagtat attaataaaa 600  
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 attaatttt 669

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 <212> DNA  
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 tgataggaag gcggcgctag acagcatgga ggactttctg ctctccaatg ggtaccagct 180  
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 ccaaagaaaa gtggcaatta aagttataga caagata 277

<210> 11647  
 <211> 183  
 <212> DNA  
 <213> Homo sapiens

<400> 11647  
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 tgaagtgct cgcagcaact gtgctactcc tcagccagca aagtttctgg atacaagatt 120  
 aatgtacaca aatcagaagc tcttctatac accaacagtg accaagcaga gaatcaaata 180  
 aaa 183

<210> 11648  
 <211> 470  
 <212> DNA  
 <213> Homo sapiens

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<400> 11648  
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<210> 11649  
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<212> DNA  
<213> Homo sapiens

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ctctgacaaa attctgggga cgctgggaac actgaatcaa catg 164

<210> 11650  
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aagagaccct tccctgaagc agttgccagg tggcctcctt gccaccctct cagaaatgac 180  
caaaatatat acattcccct ctgtcctggg ccaaactctt ctaaaaggag ctctcttttt 240  
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agtatagatg tttaaagga 319

<210> 11651  
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<212> DNA  
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aaagacattc aaggatattc tggagacaga atgaagaagg ttgctgagag taggg 115

<210> 11652  
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<212> DNA  
<213> Homo sapiens

<400> 11652  
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agcatagctg tgaagtatgc cgtgaatttt aattgaggg 219

<210> 11653  
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 <212> DNA  
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<400> 11653	
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caaatgaagg gaagcccaga gtgaactaat ttcccttgac ctaccatgtg aaggatatcta	180
caccc	185

<210> 11654  
 <211> 272  
 <212> DNA  
 <213> Homo sapiens

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accttttctt tggctgtatt atgtctggct gggaagggat tgcattttgc agctgagagc	120
cggagcttcc ttcagctcgg ctcytcgcac gctgctgggg taagttgtct tgaaccagga	180
cggagagaga cagcctcggg ctgcagttgc ctaaaaggag gacacctgtg gctcagatgc	240
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<210> 11655  
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 <212> DNA  
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aaggagtcaa acttgccgga attttgcagt ttatctgcag ggctgtgtgt tccagcaaga	180
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tcaaagaaga ataagcaaga aagaaaagaa ggaagggaagr gaggtagaca gatacaagat	300
gaaatcctgt caaaaaatgg aaggaaaacc agnaaatgag antgaaccaa agcatgagga	360
agascгаагс ctgaggmaaa sscagaagag gaggagnasc tagaggagga gscaasmaa	420
aggmctttta gmgaakgct	439

<210> 11656  
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 <212> DNA  
 <213> Homo sapiens

<400> 11656	
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cgacacaaat cgaggtgagg gaagagagag gaaaatcccc tgaatccctg caggattaat	180
ttattcaaaa aggaataaaa aaataactcaa tatgcaaaaag tcttgtgaag aaaatgaggg	240
aaaaccacag aacatgccaa aggccgagga agatcgccct ttggaggatg taccacagga	300
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<210> 11657

<211> 92  
 <212> DNA  
 <213> Homo sapiens

<400> 11657  
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<210> 11658  
 <211> 297  
 <212> DNA  
 <213> Homo sapiens

<400> 11658  
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 ccttggtgat tcagggttcc agtttcccag tgcccttaat ggatgttatg aatgcataag 180  
 cacattttct tttaaagaaa gaagtttagat ttatagtgtt atttcttact tgctatatatt 240  
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<210> 11659  
 <211> 182  
 <212> DNA  
 <213> Homo sapiens

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<210> 11660  
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 <212> DNA  
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<400> 11660  
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 agccagagga gagctgaaga gaggaggggg aggcgatga cctgggctct gggcctctga 180  
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 gctgacaacc accctcaacg ggtctgcacc catccaggaa atctctgtct tcctcaagct 360  
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<210> 11661  
 <211> 511  
 <212> DNA  
 <213> Homo sapiens

<400> 11661  
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cgtctgtaga	ggagaggctt	gaaataaagg	agcacgaata	ttgcctggat	ttctggaggc	180
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ggaaactgca	ccacatcagt	gaagatccac	ctccagtggc	tgctctgctg	gtggtggagt	360
tgctgctgac	aaccaccctc	aacgggtctg	cacccatcca	ggaaatatct	gtcttccttt	420
agcttggttg	tacctgttct	cactctatct	gtattattga	attattgact	gagactgtgt	480
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<210> 11662  
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gggcaactcc	agc					

<210> 11663  
 <211> 259  
 <212> DNA  
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<400> 11663						60
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aaccctgagt	atctgatgaa	aaggatacca	cagaacccaa	gataccagca	tatcaaatca	240
agactggaca	ctggtgagta	aagattagaa	aattagaatt	aaaaaaaaatc	taatagctaa	259
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<210> 11664  
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 <212> DNA  
 <213> Homo sapiens

<400> 11664						60
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gaaaaggata	ttgctgcata	tmgagctaaa	ggaaagcctg	atgcagcaaa	aaaggaggtt	180
gtcaaggctg	aaaaaagcaa	gaaaaagaag	gaagaggagg	aagatgmsga	agatgaagag	240
gatgaggagg	aggaggaaga	traagaagat	gawgatgaag	aagaagatga	tgatgatgaa	295
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<210> 11665  
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 <212> DNA  
 <213> Homo sapiens

<400> 11665						60
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caaccatatg	aacagaaagc	agctaagcta	aaggagaaat	atgaaaagga	tattgctgca	180
tatcgtgcc	agggcaaaaag	tgaagcagga	aagaagggcc	ctggcaggcc	aacaggctca	240
aagaagaaga	acgaaccaga	agatgaggag	gaggaggagg	aagaagaaga	tgaagatgag	300
gaggaagagg	atgaagatga	agaataaatg	gctatccttt	aatgatgcgt	gtggaatgtg	360
tgtgtgtgct	caggcaatta	ttttgctaag	aatgtgaatt	caagtgcagc	tcaatactag	

cttcagtata aaaactgtac agatttttgt atagctgata agattctctg tagagaaaat 420  
acttttaaaa aatg 434

<210> 11666  
<211> 103  
<212> DNA  
<213> Homo sapiens

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<210> 11667  
<211> 214  
<212> DNA  
<213> Homo sapiens

<400> 11667  
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aacgatgatg attttgaacc ttacttgagt ccacaggcaa ggcccaataa tgcataact 120  
gccatgtcag attcctactt acccagttac tacagtcctt ccattggctt ctcttattct 180  
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<210> 11668  
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<212> DNA  
<213> Homo sapiens

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gtccacaggc aaggcccaat aatgcatata ctgccatgtc agattcctac ttaccagtt 180  
actacagtcc ctccattggc ttctcctatt ctttgggtga agctgcttgg tctacggggg 240  
gtgaca 246

<210> 11669  
<211> 394  
<212> DNA  
<213> Homo sapiens

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tggcccagca ccaggactgg cggcaatgcc agccacaggt gcaggcgttc aaggattgca 300  
tgagtgaaca gcaggcgagg cggcaagagg agctgcagag gaggcaagaa caagccgggtg 360  
cccaccactg agaccccaaa ccacctatcc ccag 394

<210> 11670  
<211> 180  
<212> DNA  
<213> Homo sapiens

0054399.022400

<400> 11670  
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tgaattgtca attccatttg ctttgtaagg aatcaaaatt tagctctaag aataatcagg 180

<210> 11671  
<211> 345  
<212> DNA  
<213> Homo sapiens

<400> 11671  
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ccagagtaag ctttatcaaa ctttaaggac cagttaattc tcattttaca ctaattatac 120  
cattagttta gaaaaagatg ggaagatact caactcattt atttgataag gctagcataa 180  
tgctgatgcc aaatagtaag aagtttcaca aaactatgga cccaattcac tttataaata 240  
cagaggcaaa aattctaaaa atgtttagcag gttgatgcag ccatctgtta aaaggattat 300  
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<210> 11672  
<211> 318  
<212> DNA  
<213> Homo sapiens

<400> 11672  
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aaggagacta gggggccatc ctcttccttt cgccgtcgcc gccgcggagg agtcgagccg 180  
agctgatttg atcgaggagc gcggttaccg gacgggctgg gtctatgggtc gctccgcggg 240  
ccgctccgcc ggctgggtgct tattgacaag gaagctggat tcaagggcag ggaggaaaca 300  
ccttgtagt agatagag 318

<210> 11673  
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<212> DNA  
<213> Homo sapiens

<400> 11673  
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cgggctgatt aggtttcacc caaaggggtgc cggcg 215

<210> 11674  
<211> 291  
<212> DNA  
<213> Homo sapiens

<400> 11674  
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cctggggaac ccgttcagca caccagtggg gcagtgcctc ggccaaagga tgccattcga 180  
gccctgaaga agcgggtcaa cggaaccgg aactacagag aggtgatgct ggcattaaca 240  
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<210> 11675  
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 <212> DNA  
 <213> Homo sapiens

<400> 11675  
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 gaactttgtg cgggttcatg tggatgcccc tggaatggaa gagggagccc tgtgttccct 420  
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<210> 11676  
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 <212> DNA  
 <213> Homo sapiens

<400> 11676  
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 gaggagaagc cactgttgcc aggacagacg cctgaggggc caaggaggct gaggtagctg 240  
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<210> 11677  
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 <212> DNA  
 <213> Homo sapiens

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 acgc 304

<210> 11678  
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 <212> DNA  
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<210> 11679  
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 <212> DNA  
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<210> 11680  
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 <212> DNA  
 <213> Homo sapiens

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aaacccaaac gccag	196

<210> 11681  
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ggcgaagttt attcagcatc cggcaatgga cttatcgtag ttggggaaac ggggtgttccg 360  
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atcgtagtgt gggaaacggg tggtccgaat aatatcctgg aagttatcag gacacctatt 240  
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gaagccctgt caaaaggcag ctgcatgtcc gggaggcagc aggccagctt ttcctggatg 240  
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 194. **Figure 186**  
 195. **Figure 187**  
 196. **Figure 188**  
 197. **Figure 189**  
 198. **Figure 190**  
 199. **Figure 191**  
 200. **Figure 192**  
 201. **Figure 193**  
 202. **Figure 194**  
 203. **Figure 195**  
 204. **Figure 196**  
 205. **Figure 197**  
 206. **Figure 198**  
 207. **Figure 199**  
 208. **Figure 200**  
 209. **Figure 201**  
 210. **Figure 202**  
 211. **Figure 203**  
 212. **Figure 204**  
 213. **Figure 205**  
 214. **Figure 206**  
 215. **Figure 207**  
 216. **Figure 208**  
 217. **Figure 209**

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<400> 11747  
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 atccaggagg ttcaaaagta agatgggtttt caaatcattt ttgagactgg ttgcataaca 120  
 gcagggtacc tgaaagagcc ttctgggagt tagtgaacta ggtagattgt tttgttcaca 180  
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 acc 243

<210> 11748  
 <211> 324  
 <212> DNA  
 <213> Homo sapiens

<400> 11748  
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 ttcccaaacg cagaacattt cattttgaaa aatactatag atacnatrra atgtaagcag 180  
 atagagtagt cctaattctt ccttgatacc atcaatgaaa atgtgtcaaa tactttccag 240  
 gcagaatgca cagtgaagga tgatagtgat acaaaagtaa ggcaacaaag agcccttctg 300  
 ctaatgaagc ttaaatttta ctgg 324

<210> 11749  
 <211> 376  
 <212> DNA  
 <213> Homo sapiens

<400> 11749  
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 gtgatctaca cggaaccat atattgggct cacagctact gaatgagacc gactggtgga 180  
 gacagtttag tgaacctggt aaacactaca cgtgaagagt ggtgaaaggg aacattgatt 240  
 actgaagtgc cctggagagg gaaagcactg gtcaacatca catggacaaa tttcattggt 300  
 ttctaaagat ggcttggaag tagtctttgc cactgcttcc tccacaaaca gctcttcata 360  
 acatgggctg catgaa 376

<210> 11750  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 11750  
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 acatttcttc tccatgaagc ctcttcaata gtggctcgcca aacttcttta catgggacgc 120  
 catgagacag attccaagag aataagtcct aatgcccata cgcataccaa gcttctgctt 180  
 gcatcacact tactaatgtc ccattggcga aagcaaatca cagggccaaag gccagagtca 240  
 atagggaagg ggctacaatg ggggtgtgaat actggggagc atagtattata taaattggtg 300  
 caaaaagtaat tgcgattttt gccatttttt ttttttttta aataaaaagta atggcaaaaa 360  
 ctgcaattac ttttgacta cctaatatat acggagagas c 401

<210> 11751  
 <211> 262  
 <212> DNA  
 <213> Homo sapiens

<400> 11751						60
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ggtggattat	taattaccca	ctgaatctat	taggttggtg	caaaagtaat	tgcggttctt	180
gccattactt	tcaataattg	ttggacctgc	taatttccat	ggagttttgt	gcatgttagg	240
ttactcttaa	acaccacaga	aatggtgat	tcctctcttg	actgccccca	gagaaggctg	262
aagaaaggct	aaaaacatcc	cc				

<210> 11752  
 <211> 673  
 <212> DNA  
 <213> Homo sapiens

<400> 11752						60
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taaattttatc	cacttaaaat	gtgataatgt	ggagacaaag	caagatttga	ttacataaac	240
ttttctctgc	attggtcttt	tcactatctt	atgtgctaac	ttttcttatt	tttcttcaac	300
ctccccaccc	tccatttttt	ggatattaaa	cagggaaaagc	ttgctacatt	ataaagattg	360
ttggcaccat	ttatttttaca	caaaggctaa	aggttaactt	ttggaaatga	tgagctactt	420
ttatatatgt	gtttactcat	gctttgtgat	atctctggat	cattccagtc	ataaagactt	480
attacatgta	ctatttcttg	ctacctgtga	aaaggatat	tttaaagaat	gtataaccaa	540
cagtcattt	actttttatt	agtatgtaga	ggatttgtat	ctaattcatg	aatgtagttt	600
tacagtagtt	tgctattgta	aatggagcaa	agtacattat	cttctaaaat	gtacattatg	660
taagaattgt	aaatatactt	aagtaatttg	tatgccccaa	aattacaata	agtcaataaa	673
gatctcacct	ctg					

<210> 11753  
 <211> 301  
 <212> DNA  
 <213> Homo sapiens

<400> 11753						60
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gggtcagtga	cggacactta	cctgacagcg	gatccacaat	attctcgtgc	agtgtgtttg	240
gaatcctgg	ctgggctctc	gtcgttggcc	ttgtagatca	agtaggggaa	gtgagtgatg	300
ttcagtcatg	ctgctgggac	acttggtttt	ccagaygaac	acataaataa	aactacatgc	301
a						

<210> 11754  
 <211> 203  
 <212> DNA  
 <213> Homo sapiens

<400> 11754						60
aaaaaagcag	ctaaacaaaa	agaagcctcc	agacagccct	gagatcacct	aaaaagctgc	120
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atgwtgtcn	tgagagtcca	gtttgtatct	gtaccataac	caggaggctg	atgggtgagta	203
ggaggaagag	gaagcgcttc	att				

<210> 11755  
 <211> 120  
 <212> DNA  
 <213> Homo sapiens

<400> 11755  
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 ctcccatccc caacatccat tttcccaagc tcaactcccc atggatagaa cctgactgcc 120

<210> 11756  
 <211> 390  
 <212> DNA  
 <213> Homo sapiens

<400> 11756  
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 aggtcgctgt caagatggag tttccaaccc agtaaatcca agggccagac cgtgacctca 120  
 taaagcatga tctccttctg tccagactgt ggcaaaagta tccaagcggc attcaaattc 180  
 tgcccctact gtgmmattct ttgcctgtag aggagcatgt aggggtcccag acctttgtca 240  
 atccacatgt gtcaccttc caaggctcaa agagagggct gaactccagt tttgaaacct 300  
 ctccctaagaa agtgaaatgg tccagcaccg taanttctcc ccgattatcc ctcttctmag 360  
 atgggtgacag ttctgagtct gargatactc 390

<210> 11757  
 <211> 228  
 <212> DNA  
 <213> Homo sapiens

<400> 11757  
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 aggaagtgtt cagtaaaagt atgcactgtt agattactga taacgcggat agatttttgt 120  
 ttaccataaa ttgttccaga tttatattaa tggaaggaag tgtgcattta ttagctatta 180  
 ctcaacttta caatgcaaac atcttatttc tcatctttaa acatgtcg 228

<210> 11758  
 <211> 461  
 <212> DNA  
 <213> Homo sapiens

<400> 11758  
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 ggtcctcttc catcccgtct tcatcctgcc tggctgcgtg acctcgggag gcaccatgca 120  
 ggagctgcat ctgctctggg gggcgcttct cctgggsctk ggcymaggcc tgccctgagc 180  
 cctgcgactg tggggaaaag tatggcttcc agatcgccga ctgtgcctac cgcgacctag 240  
 aatccgtgcc gcctggcttc ccggccaatg tgactacact gagcctgtca gccaacnggc 300  
 tgccaggctt gccggagggt gccttcaggg aggtgnccct gctgcagtcg ctgtggctgg 360  
 cacacaatga gatccgcacg gtggccgccg gagccctggc ctctctgagc catctcaaga 420  
 kcctggacct cagccacaat ctcatctctg actttgcctg g 461

<210> 11759  
 <211> 163  
 <212> DNA  
 <213> Homo sapiens

<400> 11759  
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 ctatatgtga tatctttaat taatatcttt aatgaatctg tgttgtaact taacaaaagt 120  
 caaacttgaa tgtcttttcc tactccccaa aatgttattg aat 163

<210> 11760  
 <211> 219  
 <212> DNA  
 <213> Homo sapiens

<400> 11760  
 agtcagttgc cggaagtcgg cgtgaggtgg ggcttatgcg gcggcgtggg gaaatagata 60  
 tggcgaccga gggggatgtg gagctggcag ttggagactg agaccagtgg accagagcgg 120  
 cctccggaga agccacggaa acatgacagc ggtgcggcgg acttggargc cgctccagct 180  
 ccaactcstc ccgataaaca ggccactgaa gctctcgcc 219

<210> 11761  
 <211> 174  
 <212> DNA  
 <213> Homo sapiens

<400> 11761  
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 aagtcagcta atgaagtaag atacgtagta aagtcaggac tattcaaaaa gtaagaaaga 120  
 aawtttgaa tgagagaaac aggaaacaaa gaatgccgaa aagatgaaaa caga 174

<210> 11762  
 <211> 415  
 <212> DNA  
 <213> Homo sapiens

<400> 11762  
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 ttatttagcc atgctagcct aggcctctat ttccttgtct ccaaaatgag aataataaaa 120  
 tttaggtcag gattactata taaactaaak aatacagtga ttctcaaagt tggtcagact 180  
 gtatagtaag gagaaagtct gggtgcactt tgaagagctt gaagatttga aagattccca 240  
 aaaaagcatt ttaaagttta catttaaggg accttgagacc tcaaccctct caagtttaca 300  
 agtctgaaac tttagacatc aaaagtttga gcagtttttc caaggcaaca ttgatagtta 360  
 gattcagggc caggctgtaa gtctagaatt tagatatcnt gatccccag atacc 415

<210> 11763  
 <211> 282  
 <212> DNA  
 <213> Homo sapiens

<400> 11763  
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 atccgaaaag tcaggactcc cagactcagt cctcacact tctccgccgc cctacaatgc 180  
 ccctcagcct ccagccgaac cccagcccc accgccacag gcagcccctt cctcacacca 240  
 tcaccaccac caccactacc atcagtctgg caccgccacc ct 282

<210> 11764

<211> 374  
 <212> DNA  
 <213> Homo sapiens

<400> 11764  
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 ttttcctggc ttcactttat atcatgatga cccttaccac ctggtacagg tatgaaccct 180  
 ctctgagat gaaaagtcag tggacagctg tctgggtgaa aatctcttcc agttggattg 240  
 gcatcgtgct gtatgtttgg aactcgtgg caccacttgt tcttaccat cgtgattttg 300  
 actgagttag acttctagca tgaaagtccc actttgatta ttgcttattt gaaaayagta 360  
 ttcccaactt ttgt 374

<210> 11765  
 <211> 345  
 <212> DNA  
 <213> Homo sapiens

<400> 11765  
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 gggtgcagtg actggtggcc gcaagccctt ccctggggag tacctgatgg ctgccctttg 180  
 acccccggtg gctgcccttt gacccccggg tgtgctctca gcgcaagtgg tccctagaaca 240  
 ggattctttt tggaaatgtc tgcgactgg accttgggtg atttggaat ggaactgngg 300  
 amcggtgaca cgtgcttcag accggtctgg ggtgcggcgc acacc 345

<210> 11766  
 <211> 361  
 <212> DNA  
 <213> Homo sapiens

<400> 11766  
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 actttaaaga taagtctaca ttaacaatg atcacatcta aagctttatc tttgtgtaat 180  
 ctaagtatat gtgagaaatc agaattggca taatttgtct tagttgatat tcaaggcttt 240  
 aaaagtcatt attcctgggc ttggtangtg aatttatgag atttactgct ctgaaaagta 300  
 tagatggcga aaggaccgtt ttgtattgct tcttgattac cagtctgatt ataccatgtg 360  
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<210> 11767  
 <211> 401  
 <212> DNA  
 <213> Homo sapiens

<400> 11767  
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 ctcaagatgt taactataaa cacactgcat acaattttct tctgaataac aaaatgaatg 180  
 cttattgctg catgatgtaa gcaaaagtca ttatttttcc tattcatttg aaataagtta 240  
 tggcttaaaa tgcttttggg gtttatttct caaaattaaa atctggtcac atgagcttta 300  
 gtttgtttct tgggtttaaa aataaaaagg tttctcttaa cagtatttcc agtgacaatg 360  
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<210> 11768  
 <211> 295  
 <212> DNA  
 <213> Homo sapiens

<400> 11768							
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atgcccagtg	actgcatttc	agggttgatg	tatactacaa	caatccatgg	ctgtttttat		180
aattacatat	gaggatccag	tctgttgttt	ggatattact	tagagggtta	tgcagtcagt		240
gtatgccaaa	tctgagaagt	gttggttaagt	aaaatcttgt	tacagattta	gccct		295

<210> 11769  
 <211> 292  
 <212> DNA  
 <213> Homo sapiens

<400> 11769							
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gtgtctcttt	caaaatatcg	gagaataatt	tctttctcgc	tgatcgctta	acttctactg		180
acgangcttg	gaagttgcag	nargmtggag	tgcaatggcg	ccatctcgtc	tcactgcaac		240
ttccgcctcc	cgggttcaag	cgattctcct	gcctcagcct	ccaagtagc	tg		292

<210> 11770  
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 <212> DNA  
 <213> Homo sapiens

<400> 11770							
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gtgtctcttc	aaaatatcgg	agaataattt	ctttctcgtc	gatcgctta	cttctactga		180
cgaagcttgg	aagttgcaga	agrttgagg	gcagtggcgc	gggtctcggc	gactgcgacc		240
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gcatgtgccg	cgcga						315

<210> 11771  
 <211> 237  
 <212> DNA  
 <213> Homo sapiens

<400> 11771							
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cttgcaatcc	agtsacataa	gtataataaa	gaaatatggg	tcctcatgga	agaagagcaa		180
gatttaccag	agcaaccagt	aagtatttcc	tttaacagtt	taaagttgat	tgtagaa		237

<210> 11772  
 <211> 426  
 <212> DNA  
 <213> Homo sapiens

<400> 11772

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 aactta 426

<210> 11773  
 <211> 172  
 <212> DNA  
 <213> Homo sapiens

<400> 11773  
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<210> 11774  
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 <212> DNA  
 <213> Homo sapiens

<400> 11774  
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<210> 11775  
 <211> 127  
 <212> DNA  
 <213> Homo sapiens

<400> 11775  
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 acatcca 127

<210> 11776  
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 <212> DNA  
 <213> Homo sapiens

<400> 11776  
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tcactgtatt atttcccgan tgggagaagg ggctatttcc catgggaaga caaagtggga 360  
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<211> 170  
<212> DNA  
<213> Homo sapiens

<400> 11777  
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<210> 11778  
<211> 177  
<212> DNA  
<213> Homo sapiens

<400> 11778  
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gatgttctaa tataactgaa caaaagtctg gctgctcact gcttgaggac caaaaca 177

<210> 11779  
<211> 355  
<212> DNA  
<213> Homo sapiens

<400> 11779  
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<211> 170  
<212> DNA  
<213> Homo sapiens

<400> 11780  
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<210> 11781  
<211> 370  
<212> DNA  
<213> Homo sapiens

<400> 11781  
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gcttcagaga	agatgggaca	cgagtgggtt	tggctggatt	ctgcaagatc	atcccaatga	300
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<210> 11782  
 <211> 212  
 <212> DNA  
 <213> Homo sapiens

<400> 11782						60
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gacaaaaaag	aggtagcaat	tgtggtatta	ggaaacaaaa	tcgacctttc	tgagcagaga	212
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<210> 11783  
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 <212> DNA  
 <213> Homo sapiens

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 <213> Homo sapiens

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caccgggttc	tttgaagtga	tggtagccgg	gaagttgatt	cactcttggtg	gttaaaacta	360
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<212> DNA  
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<400> 11786  
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<210> 11787  
<211> 329  
<212> DNA  
<213> Homo sapiens

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<210> 11788  
<211> 369  
<212> DNA  
<213> Homo sapiens

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<211> 226  
<212> DNA  
<213> Homo sapiens

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aggccacgct gtccgtccgc agtaccgacg cctgcagcag aaggccggaa caaggcgtas 180  
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<210> 11790  
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<212> DNA

<213> Homo sapiens

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<210> 11791

<211> 358

<212> DNA

<213> Homo sapiens

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 agcagcgact ggcccaaatac agagaggaaa agaasmsma agaagaasma aggmaaaaaa 240  
 aagaaacaga ccagcaagaa gsmagctgtt gtcctgtgac aagaagaatc agatcttgaa 300  
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<210> 11792

<211> 189

<212> DNA

<213> Homo sapiens

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 ttgttgagaa atttttgtga ttagaatatg aaggaaaaar ctttgttggg aaaagtgaca 180  
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<210> 11793

<211> 320

<212> DNA

<213> Homo sapiens

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<210> 11794

<211> 404

<212> DNA

<213> Homo sapiens

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 <212> DNA  
 <213> Homo sapiens

<400> 11795						
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acaattcagg	ggactcaata	ttgagccaga	aatatatgca	catggcaaac	attcagatgg	180
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<210> 11796  
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 <212> DNA  
 <213> Homo sapiens

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aaacatacat	cgtagctaga	agaaaaatgt	accttaaatt	tgcatcttcc	ctctcatacc	180
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tgtacaatat	attttttaat	tttacacctg	aaacaaagaa	atgtggtcac	taaaaataaa	420
agtatatatg	taggaattaa	tgtactcttg	ctttgtcaag	ctgtttgcta	tagtttccaa	480
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<210> 11797  
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 <213> Homo sapiens

<400> 11797						
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<210> 11798  
 <211> 177  
 <212> DNA  
 <213> Homo sapiens

<400> 11798  
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<210> 11799  
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 <212> DNA  
 <213> Homo sapiens

<400> 11799  
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 atgaaagctt ctgaaaatcc tgttcttcag aatattcaag ctgacccaac aatagtctgt 180  
 acatcattca aaaagaatag attttatatg ttaccacaaac gagaaccaga agatacgaaa 240  
 agtgcagatt ctgatcgaga tgtttttaat agagatgaac cttgaagaga ttatgctaag 300  
 tgaaataagc tagtcaccga 320

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 <212> DNA  
 <213> Homo sapiens

<400> 11800  
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<210> 11801  
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 <212> DNA  
 <213> Homo sapiens

<400> 11801  
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 caaatccaga tcttccagga aaatccacgt cttccaggaa atccatgtct tccaataatt 360  
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 gtc 423

<210> 11802  
 <211> 217  
 <212> DNA  
 <213> Homo sapiens

<400> 11802  
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<210> 11803  
 <211> 328  
 <212> DNA  
 <213> Homo sapiens

<400> 11803  
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<210> 11804  
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 <212> DNA  
 <213> Homo sapiens

<400> 11804  
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 <211> 357  
 <212> DNA  
 <213> Homo sapiens

<400> 11805  
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<210> 11806  
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 <212> DNA  
 <213> Homo sapiens

<400> 11806  
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<210> 11807  
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<210> 11812  
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 <212> DNA  
 <213> Homo sapiens

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<210> 11814  
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 <212> DNA  
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<210> 11815  
 <211> 430  
 <212> DNA  
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<400> 11815

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<210> 11816

<211> 251

<212> DNA

<213> Homo sapiens

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<211> 128

<212> DNA

<213> Homo sapiens

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<210> 11818

<211> 358

<212> DNA

<213> Homo sapiens

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<210> 11819

<211> 252

<212> DNA

<213> Homo sapiens

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252

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<211> 214  
<212> DNA  
<213> Homo sapiens

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<210> 11821  
<211> 85  
<212> DNA  
<213> Homo sapiens

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acatcacttt ttaaaattca ccagc 85

<210> 11822  
<211> 371  
<212> DNA  
<213> Homo sapiens

<400> 11822  
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aaaagttaa	tctggaaaca	tcaatgctgc	caagactatt	gcagatatca	tccgaacatg			240
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caatgatggc	aatgccattc	ttcgagagat	tcaagtccag	catccagcgg	ccaagtccat			360
gatcgaaatt	agccggaccc	aggatgaaga	ggttggagat	gggacacatc	agtaattatt			420
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<211> 298
<212> DNA
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<212> DNA  
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<212> DNA  
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aaaag 425

<210> 11831  
<211> 318  
<212> DNA  
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aatccagaga gtttcaagga aaagtctgt cgcaagaccc gcgagaaccc ggtggtacct 240  
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aagtagagaa ggaccaga 318

<210> 11832  
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<212> DNA  
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gctgaggaca ccataccctg tgttacgcag ggacgtcact gccataattg gcatccctgt 300  
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<210> 11833

<211> 174  
 <212> DNA  
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<210> 11835  
 <211> 308  
 <212> DNA  
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 aagcccacgc gatccaagtg ccctgcagggt tttgggtccan gggaaaagtgt ggtctctgca 180  
 gatgactgta aatgactacc tggagggtcga ttaaagtgcg gtactgcggg attcagccga 240  
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<210> 11836  
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 <212> DNA  
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<400> 11836  
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<210> 11837  
 <211> 416  
 <212> DNA  
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tttaacagaa	ctcaacaaaa	tgctgtggcc	tttgtgtctg	cccatgtaat	agaacaagaa	360
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<210> 11838  
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naactcccag	catacgtcac	ccctcacgtg	ggcgctaggt	gtggtttcgt	gggatagggt	240
caccagtga	aagttgtgca	gagcccaaca	tgagcttcat	ttccaagctg	ccacctatct	262
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<210> 11839  
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ctgaggatga	agatsaagaa	gagsatgatg	aggacgagga	tgacgacgac	gacgaagatg	180
atgaagatga	tgatgaagat	gatgaggagg	aggaagaaga	ggaggaggaa	gagcctgtca	190
aagaagcacc						

<210> 11840  
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 <212> DNA  
 <213> Homo sapiens

<400> 11840						60
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ctgggtcctg	cctggaatct	taaaagttta	attgtctctg	cacataaggt	agcagatata	240
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<210> 11841  
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 <213> Homo sapiens

<400> 11841						60
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aactcccaac	ggaggtagta	ccactctacc	ctccgcacct	cctcctgcat	cagccggcct	360
gaagtgcgac	cctcctcctc	cggagaagta	gagaaataaa	tttctccac	cctaaaccag	420
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<210> 11842  
 <211> 198  
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 ttataaaatc ttttgaaata actagscntt tgaatttkgt tnatckatat tttgttgatt 180  
 tattctctaa tttctgcc 198

<210> 11843  
 <211> 215  
 <212> DNA  
 <213> Homo sapiens

<400> 11843  
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 ccaatctgtc aatagactat caaaagtttt agcaagacag aattgtcctt ttgaaaatct 120  
 tataccacat ccctagacac aaggagaatt actttgttca agttgtcacc ttgtgacata 180  
 aacttaaaac tgccttcgcc acagtggtaa cagtc 215

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 <213> Homo sapiens

<400> 11844  
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 cctggcggcc atcgtggcta aacagggtact gctgggcccgg aagggtggtg tcgtacgctg 180  
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<210> 11845  
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 aagtgttagg cgcgtccgtg cgaagagacc accaaacagg ctttgtgttc cttatcacag 300  
 gaagaaaatt ttccttgacc tttaggtgct tttatattca tctcaaaaac aaaattctga 360  
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<210> 11846  
 <211> 303  
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<213> Homo sapiens

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ccgagtgcac ctgttggacc gtgcgaggag aagaaaaaaa atatcggcca gaggagagga 180  
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<211> 214

<212> DNA

<213> Homo sapiens

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<210> 11848

<211> 329

<212> DNA

<213> Homo sapiens

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ccccgattat actcatgagg aaactgaggc acagagaggt tgttatttgc ccaagggtata 180  
ctaggaatag ggccagggtta caaccccaga tacctgggag tatacatttg agagagctct 240  
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<210> 11849

<211> 319

<212> DNA

<213> Homo sapiens

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gttatgttgt actttggaa 319

<210> 11850

<211> 211

<212> DNA

<213> Homo sapiens

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aaaattcctt ctatcctgat accatgaaca gtaattttcc cttttaagtt atgatttgac	120
tctaattttg ggtcttgat ctggtcttta aacacctttc gttacccttt ggaatagaac	180
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<210> 11851  
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 <212> DNA  
 <213> Homo sapiens

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agaatgaaga tatagagaaa gaagttaagg aagaaattga ccccg	166

<210> 11852  
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 <211> 359  
 <212> DNA  
 <213> Homo sapiens

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aaaaaaaaattt acaaaaaatc cgcgtctccc ccgccggaga cttttatttt ttttcttcct	180
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<210> 11854  
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 <212> DNA  
 <213> Homo sapiens

<400> 11854	
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tttggtaatg gccaaagtga gtttatgggt acagccctat gaggggtgtcc taaagggtcac	180
tgaactagat cagg	194

<210> 11855  
 <211> 140  
 <212> DNA

<213> Homo sapiens

<400> 11855  
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<210> 11856

<211> 238

<212> DNA

<213> Homo sapiens

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ctaagggttg taaccaaaaca aaataacttt aactgacaa tgccaatttt tacatttctt 120  
tcagaacaag ggacactcaa actaccagag aaacggacca atggactgag aagaactcct 180  
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<210> 11857

<211> 342

<212> DNA

<213> Homo sapiens

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gagttcgaga ccagcctgac caacatggag aaaccccatc tctactaaaa atacaaaatt 180  
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<210> 11858

<211> 410

<212> DNA

<213> Homo sapiens

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cagacagctc ccacaggagt satgcccagt gtgtgaaggc tctgggcatc accagcggcc 360  
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<210> 11859

<211> 378

<212> DNA

<213> Homo sapiens

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<210> 11860  
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 <212> DNA  
 <213> Homo sapiens

<400> 11860						60
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ggggaaaata	aggcagataa	aggagcgggg	agagaaatta	attgccaacc	aggaggagtt	240
gggctgtatt	tttcaaaggt	ggggagagtg	gagcacacac	cttgaggagg	aaagcgagaa	253
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<210> 11861  
 <211> 260  
 <212> DNA  
 <213> Homo sapiens

<400> 11861						60
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acagacttaa	aggcaacaga	taaagakgtg	gagatgtgtg	tttgtcaaat	agatgacctt	240
ctgtcttcaa	taacatattc	tcctaaatta	gaacgtaaga	catcagaggg	cataatacca	260
acagacagtg	acaatgagaa					

<210> 11862  
 <211> 352  
 <212> DNA  
 <213> Homo sapiens

<400> 11862						60
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tgataagaag	agaggtgagg	gtatgagggg	agtgggggac	aatgagaaaag	aattaggggt	180
aaggggctgt	gctatgagag	gggctgaaaa	taagggcggt	ggggaaatag	agtgagccgg	240
tcagataggc	ggtaggggtg	ggcaagtggg	atacttggga	ttgagatgat	gcagaggttg	300
cagccactgg	taaggatgag	gtctaggggtg	tgaccttgag	aggatgggtc	gcacagtcac	352
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<210> 11863  
 <211> 333  
 <212> DNA  
 <213> Homo sapiens

<400> 11863						60
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cagattttaga	aataacattt	ttgaaataat	gttttgatct	catcaccttt	cttaaattaa	240
tttctgtatt	ttaaagccaa	gcacattaac	tgtaaaataa	taggtactaa	ttgttaattc	300
tttcttgaca	atggttataa	catgttattg	ggtagcaacg	cctcaagtta	aaagtacacc	333
acagtatttt	tcttctctgg	aacttatggc	cct			

<210> 11864  
 <211> 275  
 <212> DNA  
 <213> Homo sapiens

<400> 11864	
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ttgtacgata gttgggcac tgtatttcca cttgtgtgaa tttgccttta aattttgggt	180
atgggtttca ctttttaaaa taatcaaaca tatttatctt ttcctgtgtg atagggtttt	240
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<210> 11865  
 <211> 467  
 <212> DNA  
 <213> Homo sapiens

<400> 11865	
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caactactgt tttctaaaat actactactc aaggctcgga gtttgtattt aanttacact	360
gaccaagtac aatgtattcc atttcaggaa ctgaatattt gactgtnaac ctttttccca	420
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<210> 11866  
 <211> 267  
 <212> DNA  
 <213> Homo sapiens

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gctatcatgt agtttttaatt ttagaaggct caatttttagt ttttattaga aagaatattg	180
tttagtatca aatgactatt aaaagtatat agtgcaataa aaagaaagac gtgaaggaat	240
gtggaaacat taaaacaaaa tcgaacc	267

<210> 11867  
 <211> 82  
 <212> DNA  
 <213> Homo sapiens

<400> 11867	
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<210> 11868  
 <211> 373  
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 <213> Homo sapiens

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<400> 11868  
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 gtaaaaaagc tcracattt gacttggaag caatgtttga acaanstcaa agaacagctg 240  
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 ggccatcgac tggctcatca caacaaggaa ggctgtgcac cactgggacc cagcagcagc 360  
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<210> 11869  
 <211> 263  
 <212> DNA  
 <213> Homo sapiens

<400> 11869  
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 agttacaaat atacttaaat atactttaac ttattataga aggcttacia aaactgtgga 180  
 taaataacat atatttatct tagttaatga ataactgatg ctgaaaataa tgtgaatgtc 240  
 aaattagttc tctttttttc tag 263

<210> 11870  
 <211> 249  
 <212> DNA  
 <213> Homo sapiens

<400> 11870  
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 tggcaggggt ttaccaaaca cctaaaattg actgggtctc tgttttaact ctttggtgtg 180  
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 atgttgaga 249

<210> 11871  
 <211> 343  
 <212> DNA  
 <213> Homo sapiens

<400> 11871  
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 aatgacatga aaataattgt gaaatatgga attatttctg acacatgaag cccactaaac 120  
 tatgctttct tataatgcat atttcttctc agtttaaatg tatgtaaata tcgaagctat 180  
 atggtatgat ttataaagat aaatgggcca aagtgtacat tgagactggc agccatctat 240  
 ggtaccactg aaaccctgac ccagaaaagt ggcttgcttg gacaccagc tgcctttgtt 300  
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<210> 11872  
 <211> 475  
 <212> DNA  
 <213> Homo sapiens

<400> 11872  
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actgctcaaa	ctttagtttg	ggaggggtaca	gaagtgcagg	atgaaaataa	tttttctaga	180
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cctttatctg	agacgtgttc	tttctcttg	gaagtgttcc	tttttttgt	tggtgtttt	300
tggttttcga	ggcagagtct	cgtctgttt	cccaggctgg	agtgcagtgg	tgtgatctct	360
gctcactgca	agctccgcct	cctgggttca	tgccattctc	ctgcctcagc	ctcctgagta	420
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<210> 11873  
 <211> 283  
 <212> DNA  
 <213> Homo sapiens

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ccttctagca	gaagctaaag acctgtttac taaagcagtg aagcactttg gggaagaggc 180
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<210> 11874  
 <211> 207  
 <212> DNA  
 <213> Homo sapiens

<400> 11874	
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tttatttcat	cacgaaaata caagcactga gttgatactg cttcatctc tgaacactcc 180
ctacctataa	accaatctat attccca 207

<210> 11875  
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 <212> DNA  
 <213> Homo sapiens

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atctctgaat	gattttaaatt tgaggaattt taatacataa aatacaatgt acaaactttc 180
tgccactca	gatctcttct ccatcatgta cttagtattt cccattaacc tacacactga 240
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<210> 11876  
 <211> 238  
 <212> DNA  
 <213> Homo sapiens

<400> 11876	
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aacatatatt	tgtgtgcatt tgcattgtga acagtacaca caaacatata taaagagagc 180

aantgataag gcaaataagg taacatttaa caataatctg atacacataa atagagaa

238

<210> 11877

<211> 215

<212> DNA

<213> Homo sapiens

<400> 11877

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atgctgcttt	aaatggctga	tcctcaatgc	ttcccttcta	actcacaggc	ccgctccctt	120
acatcaatct	cacagaaaaa	gggacctctt	attcattttt	ttgttttgca	gagacaggct	180
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<210> 11878

<211> 293

<212> DNA

<213> Homo sapiens

<400> 11878

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gttctacttc	tccggttttg	acaccctccg	taggccagtt	tcttttagaga	acattcttag	180
acttttactg	ctagcagttc	tgttcagggtg	agggagaaaa	gggcatgggtg	gagagaaagg	240
aatctaattg	tctctagtca	tgctgataag	ttttgaaaat	acagaacatt	agg	293

<210> 11879

<211> 141

<212> DNA

<213> Homo sapiens

<400> 11879

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<210> 11880

<211> 326

<212> DNA

<213> Homo sapiens

<400> 11880

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cacaagctac	agcctgcgtc	cagccataac	ccaggagtaa	catcagaaac	aggtgagaat	180
gaccacttta	actcaccggg	cccgtcgcac	tgaaataagc	aaganctctg	aaaagaagat	240
ggaaagttag	gaagacagta	attggggagan	aagtccagac	aatgawgatt	ctggagactc	300
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<210> 11881

<211> 372

<212> DNA

<213> Homo sapiens

<400> 11881



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atcttgatnc	atcttggaga	acagagaatg	gccttattcc	ttggaccttg	gataaacacca	180
tcagtgaaga	gaacagagct	gttattgaga	aaatgttggt	ggaagaagaa	tattatztat	240
ctaaaaaatc	acaaccggaa	aaagtctggc	ttgatcaaaa	ggaagatgat	mmaaaatata	300
tgaagagtct	gcagaaaaac	agcaaaaaatc	atggtacact	ctcctataaaa	accagccagt	360
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<210> 11882  
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accatttcat	tttcttacat	aagtacaagt	ggtaaatgta	ccacatactt	cagtataggc	240
atttgttctt	gagtgtgtca	aaatacagct	agttactgtg	ccaattaaga	cccagttgta	300
tttcacccat	ctgtttcttc	ttggctaate	tctgtacttc	tgcttttta	ttactgggcc	322
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<210> 11883  
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 <212> DNA  
 <213> Homo sapiens

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agctggacta	ctagctattg	tatgctggag	aaaatacagt	ttatgggtaca	atgatctaata	238
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<210> 11884  
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 <212> DNA  
 <213> Homo sapiens

<400> 11884						60
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gtccacaagg	ataacaacca	acattttcag	agcacttgcc	aatttataaaa	atacatctgc	240
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gggtgacttgt	cagacgctgc	ataggtggtc	agcattatgg	tcntcatccc	tccatcaacc	360
ttaatcacat	actgcatgtg	nnnagcagga	agaggggtcn	wgagaatagg	aggggagatc	399
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 <213> Homo sapiens

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aatatttttag gctgttgcca aaatggttca acagtgtgtg acttatgttg aggaaatcac	180
agaccttcct atcaaaacttc gattaattga tactctacga atggttaccg aagcaagatt	240
tatgttgaaa ttgagcgtgc gcgactgact aaaacattag caactcnaaa agaacaaaat	300
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<210> 11886  
 <211> 286  
 <212> DNA  
 <213> Homo sapiens

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gtttgcttct cttcgtctac cttgattaaa cgtgcacttc gcagtcctcg gttctccata	180
cccgtgacct ggggatcgct acggacctta aaatacccg c aacascctt tcgtsccaag	240
ctggagagca gtggcatgat ctcggtcac tgcagcttct acttcctggc ctcaagcagt	286
ctttccacct cagcstctsa acgcactgga attacagatg tgagcn	

<210> 11887  
 <211> 416  
 <212> DNA  
 <213> Homo sapiens

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gtcagactag agtacagtgc catgatctcc gctcactgca gcctcaacct cctggggtca	416
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<210> 11888  
 <211> 409  
 <212> DNA  
 <213> Homo sapiens

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<210> 11889  
 <211> 197  
 <212> DNA  
 <213> Homo sapiens

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197

<210> 11890

<211> 415

<212> DNA

<213> Homo sapiens

<400> 11890

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gtttaaaaag	catgcntcam	catargagwa	gcagcaatgt	aattatttga	agtaacactt	360
aacacactcc	gctgcattga	atgcagtgga	ttgatcagaa	tgtaagact	gacat	415

<210> 11891

<211> 360

<212> DNA

<213> Homo sapiens

<400> 11891

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tgccttaaga	cagctagctg	aattgctgat	taacttttaa	aatacccagc	ttggtttatt	180
tttcttagaa	tctgttgcta	agactgggga	cgctgttttc	ttttacaaag	ggaaatctaa	240
gttaatttca	aggcattcga	aatggggaaa	gactattatt	gcattttggg	aattgagaaa	300
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<210> 11892

<211> 535

<212> DNA

<213> Homo sapiens

<400> 11892

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tamgctttta	aatacctagt	taagaggatg	atttctcttt	aatcgtttaa	atgttctgaa	180
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gaccttgggc	tgcaggacga	ctaggattca	cccataacga	cacagtgcc	tatgtttctt	480
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<210> 11893

<211> 149

<212> DNA

<213> Homo sapiens

<400> 11893

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 <212> DNA  
 <213> Homo sapiens

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 ccagggtcag aatkgtaaca gttgagttca tgagtactgg cccttaacaa ctctgctgga 180  
 gtgcctcctt tggttaaata ctagtagttc atatgtcggg aactcatcct tcattttctt 240  
 caatgaaaat acggcatttt acagcagtcg tgtccaatag aattgttgaa attatggaaa 300  
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<210> 11895  
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 <212> DNA  
 <213> Homo sapiens

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 ataaatatta aaatggatgt tttcatcaga aaattttcat gttttccttt aaggtaacat 180  
 aattgtaaga attgttttaaa aaaatactca ggaaattcta aaggtttctc ccaataccta 240  
 aacattttctg aacatcagta ttgcagttgt ggaagagcag aaggaggata catttgtttg 300  
 tggtgctccc caaaattcca ccttgcatct gcacacaaa cttccctcaa ttgaggcaggt 360  
 tttcttttgtt agaacattaa gtctgtgtat tgtaatatag tgggc 405

<210> 11896  
 <211> 291  
 <212> DNA  
 <213> Homo sapiens

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 atgttgaggt agggagggtt atcttggtga ctttgggatg ctggtttcat ttaggtata 180  
 attatgcaaa gcaaagaatc caggaaagaa ttgccagaga agaaattaaa aagaagatat 240  
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<210> 11897  
 <211> 521  
 <212> DNA  
 <213> Homo sapiens

<400> 11897  
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 ctccagggtta ggccgagctt tgcgggaaag cagcggactt gaaaatactg gaaatctgtc 180  
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 ccaaagagca caatgagtac aagaaagcgt sgtggtggag caataaattc tagacaagct 360  
 cagaagcgaa ctgcgggaagc aacctccacc cccgagatct ccttggaagc agaaccata 420  
 gaactcgtgg aaactgctgg agatgaaatt gtggacctca cttgtgaatc ttagagctg 480

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521

<210> 11898

<211> 174

<212> DNA

<213> Homo sapiens

<400> 11898

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<211> 319

<212> DNA

<213> Homo sapiens

<400> 11899

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cattgaccc	ggaatgtgtg	ctggagaaat	ttaaaatact	gggggttttt	gtttaatggt	180
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<210> 11900

<211> 204

<212> DNA

<213> Homo sapiens

<400> 11900

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<210> 11901

<211> 377

<212> DNA

<213> Homo sapiens

<400> 11901

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aaaaggactt	aaaaaaatct	tttgtataaa	ataacaataa	ctgccattca	tttaaccctt	300
agtgtatgcc	aggcataatt	tggtacaagc	aacgaatttt	caaactttta	ctgtatctct	360
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<210> 11902

<211> 120

<212> DNA

<213> Homo sapiens

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&lt;210&gt; 11903

&lt;211&gt; 855

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11903

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aacaaactag	gaagatgaaa	agggaaattg	tggccaaaac	tttgggaaaa	ggaggttctt	180
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gatttgatgg	acaatggaga	gagctttccc	tgtgattata	aaaaaggaag	ctagctgctc	300
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atgttcttag	cactttaatt	cctgtcaa	at	ttttgttct	ccccttctgc	540
gtaagctgaa	actggtctac	tgtgtctcta	gggttaagcc	aaaagacaaa	aaaaatttta	600
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&lt;210&gt; 11904

&lt;211&gt; 104

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11904

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aattgatgta	aggtggcctt	ttttttggac	gattgatgtg	aggg		104

&lt;210&gt; 11905

&lt;211&gt; 457

&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

&lt;400&gt; 11905

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acagatccaa	aatagaatca	gattatctct	ttttttctaa	aggagagaaa	gacttagaac	180
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&lt;210&gt; 11906

&lt;211&gt; 143

&lt;212&gt; DNA

<213> Homo sapiens

<400> 11906

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<210> 11907

<211> 244

<212> DNA

<213> Homo sapiens

<400> 11907

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ggtcaggttg	tcacgctctt	acttcctgcc	ttgtccgcga	gcgcctggaa	aatagaggcc	180
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<210> 11908

<211> 148

<212> DNA

<213> Homo sapiens

<400> 11908

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<210> 11909

<211> 472

<212> DNA

<213> Homo sapiens

<400> 11909

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gaagctcacc	ttctggggct	cttctgggaa	aatagaggtc	aacgtggagg	taccaggcca	180
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ccccgacctg	catgcagtgg	tcatggagcc	attcattttc	ccccttattt	tccacatat	420
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<210> 11910

<211> 468

<212> DNA

<213> Homo sapiens

<400> 11910

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gcgcgtact	aattggtgct	agccgtctgc	ggggggcggg	gtgaagctgt	gatggacatt	300
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<210> 11911  
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<210> 11912  
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<210> 11913  
 <211> 297  
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caataagaaa	gctctttcag	tttttttgtg	atactgaatc	tctgtgaaaa	tggtaggatg	180
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<210> 11914  
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 <213> Homo sapiens

<400> 11914						
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ctaagtccac	attataaaat	aggaagttga	tgcggggtac	agttactccc	ggaccggcgg	180
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gactcaagaa	acagtccaaa					260